

Addendum 2 to 2018-2019 Undergraduate Catalog

College of Applied Science and Technology

Animation Technology

BACHELOR OF SCIENCE

The bachelor of science in animation technology (BSAT) prepares students to be practitioners and managers of a wide variety of computer graphics related jobs. It is designed for students who have completed an associate of applied science (AAS), or an associate of applied technology (AAT), or 45 hours toward the degree, or have the permission of the dean of the college.

For more information about degree requirements, and/or for advisement, contact the BSAT program department head or advising coordinator from the College of Applied Science and Technology at (479) 788-7785.

TRANSFER STUDENT ADMISSION REQUIREMENTS:

1. Completion of all admission requirements to UAFS, including submission of official transcripts from any college(s) previously attended to the UAFS Records Office.
2. Completion of an AAS or AAT from an accredited institution with 37 hours of technical-professional course work in CGT. Students with less than 37 hours of coursework in CGT will be considered for admission into the BSAT on a case by case basis.
3. A minimum grade point average of 2.25 and a grade of C or better in all coursework that applies toward the BSAT.
4. Transfer students or computer graphic technology (CGT) graduates four or more years past their graduation date will be required to present an e-portfolio.

PRE-PROGRAM REQUIREMENTS

HOURS		NOTES
6	English Composition	1
3	Speech	1
6	Mathematics	1
8	Lab Science	1
3	Fine Arts	1
3	Humanities	1
3	History/Government	1
6	Social Sciences	1
37	Career block	5

75 Total Hours

REQUIREMENTS AFTER ADMISSION INTO THE BACHELOR OF SCIENCE IN ANIMATION TECHNOLOGY PROGRAM MAJOR CODE: 4064

JUNIOR YEAR FALL SEMESTER - 13 HOURS

HOURS		NOTES
3	BSAT 3033 Motion for Applied Animation	2
3	BSAT 3053 Recording Methods for Historical Structures	2
4	Upper-level BSAT elective or BSAT 3004 Animation Overview	2 & 3

HOURS		NOTES
3	Upper-level BSAT elective	2 & 3

JUNIOR YEAR SPRING SEMESTER - 12 HOURS

HOURS		NOTES
3	BSAT 3043 Lighting and Rendering	2
3	BSAT 3893 Computer Color Applications	2
3	Upper-level BSAT elective	2 & 3
3	Upper-level elective	4

SENIOR YEAR FALL SEMESTER - 12 HOURS

HOURS		NOTES
3	BSAT 3023 Digital Production Techniques	2
6	Upper-level BSAT electives	2 & 3
3	Upper-level elective	4

SENIOR YEAR SPRING SEMESTER - 8 HOURS

HOURS		NOTES
4	BSAT 3084 3D Advanced Concepts	2
4	BSAT 4044 Senior Capstone Project	2

120 Total Hours

At least 40 hours must be upper-level

Notes

1. General Education Core Requirements, see Graduation Requirements section of catalog, with the following stipulation: mathematics - MATH 1453 is required, and MATH 1403 College Algebra or higher mathematics with MATH 1403 as a prerequisite.
2. These courses are used to determine major courses in residency, see Graduation Requirements. Student must maintain a cumulative GPA of 2.25 for these courses and a minimum of 2.25 overall to meet CGT department and BSAT degree graduation requirements.
3. BSAT electives, 16 hours. In consultation with advisor, select from BSAT or PRFS courses, or ART 3303; students focusing on character design should take ART 3303. BSAT 3004 is recommended for students who did not complete an associate degree in CGT-Digital Design.
4. Upper-level electives, six hours. Select from areas outside of BSAT.
5. Career block, 37 hours: Approved AAS or AAT from an accredited institution with 37 hours of technical-professional course work in CGT. Students with less than 37 hours of coursework in CGT will be considered for admission into the BSAT on a case-by-case basis.

Prior to graduation students must demonstrate competency in financial literacy by satisfactory completion of FIN 1521 Personal Finance Applications (or an approved substitution) with a grade of C or better, or by a score of 70% or more on a challenge exam for FIN 1521.

Electrical Engineering Technology

BACHELOR OF SCIENCE

The bachelor of science in electrical engineering technology is a completer degree for those students who have completed the associate of applied science in electronics technology, or have completed 45 hours toward the degree, or have the permission of the dean of the college. The degree prepares graduates for careers in the fields of electronics, control systems, robotics, energy, power, microprocessors, communications, and alternative energy.

BACHELOR OF SCIENCE (BS) DEGREE PRE-PROGRAM REQUIREMENTS:

HOURS		NOTES
6	English Composition	1
3	Speech	1
6	Mathematics	1
8	Lab Science	1
3	Fine arts	1
3	Humanities	1
3	History/Government	1
6	Social Sciences	1
37	Career block	4

75 Total Hours

REQUIREMENTS AFTER ADMISSION INTO THE BACHELOR OF SCIENCE ELECTRICAL ENGINEERING TECHNOLOGY

MAJOR CODE: 3045

JUNIOR YEAR FALL SEMESTER - 12 HOURS

HOURS		NOTES
3	EET 3303 Wireless Systems	2
3	EET 3453 Microprocessor Applications	2
3	EET 3743 Discrete Electronics	2
3	Upper-level elective	2 & 3

JUNIOR YEAR SPRING SEMESTER - 12 HOURS

HOURS		NOTES
3	EET 3953 Power Electronics	2
3	PRFS 3143 Economic Analysis in the Workplace	2
3	RHET 3603 Writing for the Workplace	2
3	Upper-level elective	2 & 3

SENIOR YEAR FALL SEMESTER - 12 HOURS

HOURS		NOTES
3	EET 4003 Electronic System Design	2
3	ELEC 3933 Industrial Control Systems	2
3	PRFS 4133 Project Management	2
3	Upper-level elective	2 & 3

SENIOR YEAR SPRING SEMESTER - 9 HOURS

HOURS		NOTES
3	EET 4113 Senior Design	2
3	Upper-level elective	2 & 3

HOURS		NOTES
3	Upper-level elective	2 & 3

120 Total Hours

At least 40 hours must be upper level

Notes

1. General Education Core Requirements, see Graduation Requirements section of this catalog. Follow requirements with these stipulations: mathematics – must take MATH 1403 and MATH 2403; lab science – must take PHYS 2803/2811 and PHYS 2823/2831.
2. These courses are used to determine major courses in residency, see Graduation Requirements.
3. Upper-level electives, 15 hours. Six hours of upper-level courses from General Education areas, and nine hours of upper-level technical coursework are required. Consult with faculty advisor.
4. Career block, 37 hours. Must complete CGT 1302 and 35 lower-level hours from ELEC, ELEG, or applicable courses with advisor approval.

Prior to graduation students must demonstrate competency in financial literacy by satisfactory completion of FIN 1521 Personal Finance Applications (or an approved substitution) with a grade of C or better, or by a score of 70% or more on a challenge exam for FIN 1521.

Organizational Leadership

BACHELOR OF SCIENCE

The bachelor of science in organizational leadership (BSOL) degree has two options. A four year degree option is available to incoming students and transfer students. The degree completion option is available for individuals who have completed an associate degree from an accredited college or university, or completed 45 hours toward degree, or have the permission of the dean of the college. For more information about degree requirements, contact the College of Applied Science and Technology at (479) 788-7785.

BACHELOR OF SCIENCE (BS) DEGREE - COMPLETER TRACK PRE-PROGRAM REQUIREMENTS:

HOURS		NOTES
6	English composition	1
3	Speech	1
6	Mathematics	1
8	Lab Science	1
3	Fine Arts	1
3	Humanities	1
3	History/Government	1
6	Social sciences	1
37	Lower-level electives	3

75 Total Hours

REQUIREMENTS AFTER ADMISSION INTO THE BACHELOR OF SCIENCE ORGANIZATIONAL LEADERSHIP

**COMPLETER TRACK
MAJOR CODE: 0201**

JUNIOR YEAR FALL SEMESTER - 12 HOURS

HOURS				NOTES
3	LEAD	3603	Foundations of Organizational Leadership	2
3	PRFS	4033	Consensus Building and Continuous Improvement	2
3	RHET	3603	Writing for the Workplace	2
3	Upper-level general education elective			4

JUNIOR YEAR SPRING SEMESTER - 12 HOURS

HOURS				NOTES
3	LEAD	3623	Professional Communication	2
3	LEAD	3643	Group Dynamics	2
3	PRFS	3143	Economic Analysis in the Workplace	2
3	PSYC	3173	Industrial - Organizational Psychology	2

SENIOR YEAR FALL SEMESTER - 12 HOURS

HOURS				NOTES
3	LEAD	3133	Organization Ethics	2
3	PRFS	4133	Project Management	2
3	Upper-level elective			4
3	Upper-level elective			4

SENIOR YEAR SPRING SEMESTER - 9 HOURS

HOURS				NOTES
3	LEAD	4123	Organizational Theory	2
3	LEAD	4403	Nonprofit Organizations	2
3	LEAD	4693	Dimensions of Organizational Leadership – Capstone	2

120 Total Hours

At least 40 hours must be upper level

Notes

1. General Education Core Requirements, see Graduation Requirements section of this catalog. Follow requirements with these stipulations: mathematics – must take six hours to include MATH 1403 and one additional MATH course with MATH 1403 as a prerequisite; social science – PSYC 1163 is required and select one additional course.
2. These courses are used to determine major courses in residency, see Graduation Requirements.
3. Lower-level electives, 37 hours. Lower-level (1000 and 2000) elective courses earned as part of the associate degree. (excluding MATH 1203 and ENGL 1201)
4. Upper-level courses, nine hours. Consult with advisor. Select to ensure completion of 40 upper-level hours required for graduation.

Prior to graduation students must demonstrate competency in financial literacy by satisfactory completion of FIN 1521 Personal Finance Applications (or an approved substitution) with a grade of C or better, or by a score of 70% or more on a challenge exam for FIN 1521.

BACHELOR OF SCIENCE ORGANIZATIONAL LEADERSHIP

**FOUR-YEAR TRACK
MAJOR CODE: 0202**

FRESHMAN YEAR FALL SEMESTER - 16 HOURS

HOURS				NOTES
3	PSYC	1163	General Psychology	
4	WFL	1374	Human Relations and Interpersonal Development	2
3	English Composition requirement			1
3	Fine Arts/Humanities requirement			1
3	History/Government requirement			1

FRESHMAN YEAR SPRING SEMESTER - 15 HOURS

HOURS				NOTES
3	MATH	1403	College Algebra	
3	SPCH	1203	Introduction to Speech Communication	
3	English Composition requirement			1
3	Fine Arts/Humanities requirement			1
3	Lower-level elective			4

SOPHOMORE YEAR FALL SEMESTER - 16 HOURS

HOURS				NOTES
3	GEOG	2753	World Regional Geography or	
	ANTH	2803	Cultural Anthropology	
3	LAW	2003	Legal Environment of Business	2
3	STAT	2503	Probability and Statistics I or	
	MGMT	2963	Business Statistics	
3	WFL	2703	The Seven Habits of Highly Effective People	2
4	Lab Science requirement			1

SOPHOMORE YEAR SPRING SEMESTER - 15 HOURS

HOURS				NOTES
3	ECON	2803	Principles of Macroeconomics	
2	LEGL	2162	Employment Law	2
3	SPCH	2223	Advanced Public Speaking	2
4	WFL	2174	Introduction to Lean Enterprise Systems	2
3	WFL	2503	Fundamentals of Finance and Accounting for Non-Financial Managers	2

JUNIOR YEAR FALL SEMESTER - 16 HOURS

HOURS				NOTES
3	LEAD	3603	Foundations of Organizational Leadership	2
3	PRFS	4713	Business Logistics	2
3	RHET	3603	Writing for the Workplace or	
	RHET	3103	Editing for Usage, Style, and Clarity	2
3	Upper-level elective			3
4	Lab Science requirement			1

JUNIOR YEAR SPRING SEMESTER - 15 HOURS

HOURS				NOTES
3	LEAD	3623	Professional Communication	2
3	LEAD	3643	Group Dynamics	2

HOURS				NOTES
3	PRFS	3143	Economic Analysis in the Workplace	2
3	PSYC	3173	Industrial - Organizational Psychology	2
3	Upper-level elective			3

SENIOR YEAR FALL SEMESTER - 15 HOURS

HOURS				NOTES
3	LEAD	3133	Organization Ethics	2
3	LEAD	4403	Nonprofit Organizations	2
3	PRFS	4033	Consensus Building and Continuous Improvement	2
3	PRFS	4133	Project Management	2
3	Upper-level elective			3

SENIOR YEAR SPRING SEMESTER - 12 HOURS

HOURS				NOTES
3	LEAD	4123	Organizational Theory	2
3	LEAD	4693	Dimensions of Organizational Leadership - Capstone	2
3	Upper-level elective			3
3	Upper-level elective			3

120 Total Hours

At least 40 hours must be upper level

Notes

1. General Education Core Requirements, see Graduation Requirements section of this catalog.
2. These courses are used to determine major courses in residency, see Graduation Requirements.
3. Upper-level (3000-4000) courses, 15 hours. Consult with advisor. Select to ensure completion of 40 upper-level hours required for graduation.
4. Lower-level elective, three hours. Select from MCOM 2223 or any lower-level world language course. Consult with faculty advisor.

Prior to graduation students must demonstrate competency in financial literacy by satisfactory completion of FIN 1521 Personal Finance Applications (or an approved substitution) with a grade of C or better, or by a score of 70% or more on a challenge exam for FIN 1521.