

CREATIVE ARTS AND TECHNOLOGY - 3D ANIMATION CONCENTRATION (B.A.) - BLOOMFIELD COLLEGE

For details about this program, including program description, admission requirements, and contact information, click here (<https://www.montclair.edu/academics/programs/ba-creative-arts-technology/>).

Unless otherwise noted, 120 credits of coursework is required for a baccalaureate degree with a minimum 2.0 overall GPA, and a minimum 2.0 major GPA.

Degree Requirements Overview

Code	Title	Credits
	New Student Seminar	3
	SEEDS General Education Requirements	30-33
	Major Requirements	68
	Free Electives	19-16
Total Credits		120

Major Requirements

Code	Title	Credits
Major Core		
CAT 107	Introduction to Music Technology	3
CAT 120	Drawing I	3
CAT 121	CAT Foundation Studio	4
CAT 380	Internship I	3
CAT 420	Capstone Project I	4
Concentration Requirements		
CAT 134	Drawing For 2-D Animation	3
CAT 206	Screenwriting	3
CAT 228	3D Stop-Motion Animation	3
CAT 230	History of Animation	3
CAT 241	Pre-Production Animation	3
CAT 257	Video I	3
CAT 264	Computer Imaging	3
CAT 329	Character Design	3
CAT 332	Life Drawing For Motion	3
CAT 336	Designing Environments for ST	3
CAT 361	3D Modeling	3
CAT 366	Motion Design	3
CAT 372	3D ANIMATION	3
CAT 403	Pre-Production Capstone: Animation	4
CAT 406	Preparing the Demo Reel	2
Major Electives		
Complete two courses from the list below.		6
Total Credits		68

Major Electives

Code	Title	Credits
CAT 117	Process Interaction: An Introduction	3
CAT 130	Introduction to Data Visualization	3
CAT 194	3D Design	3
CAT 217	Drawing II	3
CAT 250	Selected Topics in Technology	3
CAT 258	VIDEO II	3
CAT 261	Interaction And Interface: Introduction To Physical Computing	3
CAT 270	Web Design I	3
CAT 286	Sound Design I: Audio for Video I	3
CAT 352	SELECTED TOPICS IN TECHNOLOGY	3
CAT 360	Selected Topics in Technology	3
CAT 364	Motion Capture with Motionbuilder	3
CAT 368	Immersive Design	3
CAT 372	3D ANIMATION	3
CAT 430	Internship II	3
CAT 471	ADVANCED 3D ANIMATION	3

New Student Seminar

Code	Title	Credits
FYS 100	First Year Seminar	3
Total Credits		3

SEEDS General Education Requirements

Click here for a listing of courses that fulfill the SEEDS requirements. (<http://catalog.montclair.edu/programs/seeds-general-education-requirements/>)

Code	Title	Credits
Foundations		
<i>Effective Writing I</i>		
Complete one Effective Writing I course.		3
<i>Effective Writing II</i>		
Complete one Effective Writing II course.		3
<i>Interactive Communication</i>		
Complete one Interactive Communication course.		3
<i>Quantitative Reasoning</i>		
Complete one Quantitative Reasoning course.		3
<i>Political and Civic Life</i>		
Complete one Political and Civic Life course.		3
<i>World Languages</i>		
Complete two sequential classes in one World Language when starting at the Beginner I or Beginner II level. Complete one class when starting at the Intermediate/Advanced Level.		3-6
Exploration		
Complete one course from four different Exploration categories.		12
<i>Analyzing Cultures and Societies</i>		
<i>Creative Expression</i>		
<i>Ethical Inquiry</i>		
<i>Historical Thinking</i>		
<i>Literary and Artistic Analysis</i>		

Scientific Reasoning

Total Credits	30-33
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Recommended Roadmap to Program of Study Completion

This recommended degree plan is provided as an outline for students to follow in order to complete their program of study requirements within **four years** and 120 credits. This plan is a recommendation and must be used in consultation with their academic advisor. Important note: Students should be aware this plan assumes no pre-requisite coursework is required. If pre-requisite coursework is needed, students may have additional requirements to fulfill which do not appear on the plan.

First Year

Fall	Credits Spring	Credits
SEEDS: Effective Writing 1 (WRT 105 recommended)	4 SEEDS: Effective Writing 2 (WRT 109 recommended)	3
FYS 100	3 MTH 131 (Fulfills SEEDS: Quantitative Reasoning)	3
CAT 121	4 CAT 241	3
CAT 120	3 CAT 134	3
SEEDS: Exploration 1	3 SEEDS: Exploration 2	3
	17	15

Second Year

Fall	Credits Spring	Credits
CAT 257	3 CAT 230	3
CAT 329	3 CAT 336	3
CAT 264	3 CAT 206	3
Major Elective	3 SEEDS: World Language 2 or Free Elective	3
SEEDS: World Language 1	3 Free Elective	3
	15	15

Third Year

Fall	Credits Spring	Credits
CAT 332	3 CAT 228	3
CAT 361	3 CAT 380	3
CAT 366	3 CAT 372	3
SEEDS: Exploration 3	3 SEEDS: Exploration 4	3
Free Elective	3 Free Elective	3
	15	15

Fourth Year

Fall	Credits Spring	Credits
CAT 107	3 CAT 406	2
CAT 403	4 CAT 420	4
SEEDS: Political and Civic Life	3 Major Elective	3
Free Elective	3 SEEDS: Interactive Communication	3
Free Elective	3	
	16	12

Total Credits 120