

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

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 121A	CAT Foundation Studio	4
CAT 380A	Internship I	3
CAT 420	Capstone Project I	4
Concentration Requirements		
CAT 134	Drawing For 2-D Animation	3
CAT 206A	Screenwriting	3
CAT 228	3D Stop-Motion Animation	3
CAT 230	History of Animation	3
CAT 241A	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 361A	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 217A	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 270B	Web Design I	3
CAT 286C	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 430A	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>		
<i>Scientific Reasoning</i>		
	Total Credits	30-33

Recommended Roadmap to Degree Completion

This recommended degree plan is provided as an outline for students to follow in order to complete their degree 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
WRT 105A (Fulfills SEEDS: Effective Writing 1)		4 WRT 109 (Fulfills SEEDS: Effective Writing 2)	3
FYS 100		3 MTH 131 (Fulfills SEEDS: Quantitative Reasoning)	3
CAT 121A		4 CAT 241A	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 206A	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 361A		3 CAT 380A	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