

**B.S. Applied Computer Graphics Production Option  
with Art Studio Program**

**Four-Year Degree Plan**

within the CSU Chico Department of Computer Science  
2007 - 2009 University Catalog

Total Units  
**120**

APCG Major - Production Option	Units	GE & Electives	Units
Core Lower & Upper Division (LD/UD)	30	General Education	54
Production Option (Prod)	22	Electives	2
Art Studio (AS)	15	Double Counted	-3
Major Total Units	67	Other Total Units	53

First Semester			Units	Notes <sup>1</sup>	Second Semester			Units	Notes <sup>1</sup>
APCG 110	Computer-Assisted Art I	3	LD & GE C1	APCG 117	Concept Design & Storyboarding	3	LD		
APCG 112	Digital Photography	3	LD	ARTS Hist	Art History Survey ARTS 101 or 102	3	AS		
ENGL 130	Academic Writing	3	GE A2	GE B	The Physical Universe or Life Forms	3	GE B1 or B2		
GE A	Mathematics	3	GE A4	GE E	Lifelong Learning	3	GE E		
GE A	Oral Communications or Critical Thinking	3	GE A1 or A3	GE A	Oral Communications or Critical Thinking	3	GE A1 or A3		
Semester Total		15		Semester Total		15			
Third Semester				Fourth Semester					
APCG 240	2-D Digital Animation	3	UD	APCG 330	3-D Computer Modeling	3	UD		
ARTS 125	Basic Drawing	3	AS	ARTS 126	Basic Drawing	3	AS		
CSCI PROG	Intro Programming CSCI 101 or 111	3	LD	APCG Electives	APCG Elective (see reverse side)	3	Prod		
GE B	The Physical Universe or Life Forms	3	GE B1 or B2	GE C	Arts and Humanities	3	GE C2 or C3		
GE D	Behavioral and Social Sciences	3	GE D1/D2/D3	GE D	Behavioral and Social Sciences	3	GE D1/D2/D3		
Semester Total		15		Semester Total		15			
Fifth Semester				Sixth Semester					
APCG 331	3-D Character Modeling	3	UD	APCG 340	Computer Animation	3	UD		
ARTS Design	Color Theory or Design (ARTS 122 or 123)	3	AS	APCG 345	Adv Animation Pre-Production	3	Prod WP		
CDES 303	Communication Criticism	3	Prod WP	APCG Electives	APCG Elective (see reverse side)	3	Prod		
GE C	Arts and Humanities	3	GE C2 or C3	HIST 130	United States History	3	GE2		
GE D	Behavioral and Social Sciences	3	GE D1/D2/D3	Theme 1	Upper Division Theme	3	GE UD Theme		
Semester Total		15		(Apply for graduation 1 year in advance) Semester Total		15			
Seventh Semester				Eighth Semester					
APCG 445	Advanced Animation Production	3	UD	APCG 545	Advanced Animation Post-Production	3	Prod		
APCG 499	Special Problems - Internship	3	Prod	APCG 491	Portfolio	1	Prod		
APCG Electives	APCG Elective (see reverse side)	3	Prod	APCG 389	Industry Internship	3	Prod		
Art Studio Select	ARTS Elective (see reverse side)	3	AS	POLS 155	American Government	3	GE2		
Theme 2	Upper Division Theme	3	GE UD Theme	Theme 3	Upper Division Theme	3	GE UD Theme		
Semester Total		15		Elective Elective		2			
Semester Total		15		Semester Total		15			

<sup>1</sup>For General Education (GE) refer to GE planning sheet; consider taking a Course Link in your first semester; consider meeting Ethnic and Non-Western requirements with GE.

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### Applied Computer Graphics Core

Course	Description	Units
APCG Core (10 courses)		30
APCG 110	Computer-Assisted Art I	3
APCG 112	Digital Photography	3
APCG 117	Concept Design & Storyboarding	3
APCG 240	2-D Digital Animation	3
APCG 330	3-D Computer Modeling	3
APCG 331	3-D Character Modeling	3
APCG 340	Computer Animation	3
APCG 345	Adv Animation Pre-Production	3
APCG 445	Advanced Animation Production	3
APCG 545	Advanced Animation Post-Production	3
Total APCG Core		30

### Production Option

Course	Description	Units
Required Courses (4 Courses)		10
APCG 389	Industry Internship	3
APCG 491	Portfolio	1
APCG 499	Special Problems - Internship	3
CDES 303	Communication Criticism	3
Computer Programming Selection (1 Course)		3
CSCI 101	Introduction to Computer Science	3
CSCI 111	Programming and Algorithms I	3
Applied Computer Graphics Electives (3 courses)*		9
APCG 170	Video Game Design	3
APCG 360	Web Page Design	3
APCG 370	Video Game Development	3
APCG 420	Digital Lighting and Texturing	3
APCG 422	Digital Compositing & Special Effects	3
APCG 441	3-D Character Animation	3
APCG 470	Video Game Production	3
KINE 318	3-D Desktop Video Applications	3
KINE 524	Biomechanical Analysis	3
THEA 112	Acting for Non-Majors	3
THEA 371	Lighting Design	3
Total Production Option		22

### Art Studio Program

Course	Description	Units
Required Courses (2 Courses)		6
ARTS 125	Basic Drawing	3
ARTS 126	Basic Drawing	3
AS Art History Selections (1 Course)		3
ARTS 101	Art History Survey	3
ARTS 102	Art History Survey	3
AS Theory or Design Selections (1 Course)		3
ARTS 122	Color Theory	3
ARTS 123	Design	3
AS Selections (1 Courses)		3
One Art Studio course approved by your advisor		
Total Art Studio Program Units		15

### Double Counted Units

APCG 110	Computer-Assisted Art I	3
Total Double Counted		3

### Unit Summary

APCG Core Requirements	30
Production Option	22
Art Studio Program	15
Lower Division General Education	39
Upper Division General Education	9
American Institutions	6
Double Counted	-3
Electives	2
Total Degree	120

\*NOTE: Select a minimum of one upper division course