

**B.S. Applied Computer Graphics Production Option  
with Communication Design Program**

**Four-Year Degree Plan**

within the CSU Chico Department of Computer Science  
2005 - 2007 University Catalog

Total Units  
**120**

APCG Major - Production Option	Units	GE & Electives	Units
Core Lower & Upper Division (LD/UD)	18	General Education	54
Production Option (Prod)	22	Electives	2
Communication Design (CD)	27	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	CSCI 040	Computer-Assisted Art I	3	LD	& GE C1	APCG 112	APCG 044	Digital Photography	3	LD	
APCG 117	APCG 046	Concept Design & Storyboarding	3	LD		CDES 101	CDES 001	Introduction to Communication	3	CD	
GE A		Mathematics	3	GE	A4	CDES Selecti		Communicaton Design Selection	3	CD	
ENGL 130	ENGL 001	Academic Writing	3	GE	A2	GE D		Behavioral and Social Sciences	3	GE	D1/D2/D3
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				Units	Notes <sup>1</sup>	Fourth Semester				Units	Notes <sup>1</sup>
CSCI 111	CSCI 015A	Programming and Algorithms I	3	LD		APCG Electiv		APCG Elective (see reverse side)	3	Prod	
CDES 102	CDES 002	Principles of Comm Design	3	CD		APCG Electiv		APCG Elective (see reverse side)	3	Prod	
POLS 155	POLS 055	American Government	3	GE2		CDES Selecti		Communicaton Design Selection	3	CD	
GE C		Arts and Humanities	3	GE	C2 or C3	HIST 130	HIST 050	United States History	3	GE2	
GE E		Lifelong Learning	3	GE	E	GE C		Arts and Humanities	3	GE	C2 or C3
Semester Total			15			Semester Total			15		
Fifth Semester				Units	Notes <sup>1</sup>	Sixth Semester				Units	Notes <sup>1</sup>
APCG 330	CSCI 140	3-D Computer Modeling	3	UD		APCG 340	CSCI 240	Computer Animation	3	UD	
APCG Electiv		APCG Elective (see reverse side)	3	Prod		APCG Electiv		APCG Elective (see reverse side)	3	Prod	
CDES 303	CDES 126	Communication Criticism	3	Prod	WP	CDES 307	CDES 107	Technology and Communication	3	CD	
CDES Selecti		Communicaton Design Selection	3	CD		GE D		Behavioral and Social Sciences	3	GE	D1/D2/D3
GE B		The Physical Universe or Life Forms	3	GE	B1 or B2	Theme 1		Upper Division Theme	3	GE	UD Theme
Semester Total			15			(Apply for graduation 1 year in advance) Semester Total			15		
Seventh Semester				Units	Notes <sup>1</sup>	Eighth Semester				Units	Notes <sup>1</sup>
CSCI 545	CSCI 241	Advanced Animation Production	3	Prod		CSCI 389	CSCI 189C	Industry Internship	3	Prod	
CSCI 399	CSCI 199C	Special Problems - Internship	3	Prod		CSCI 399	CSCI 199A	Special Problems - Portfolio	1	Prod	
APCG Electiv		APCG Elective (see reverse side)	3	Prod		APCG Electiv		APCG Elective (see reverse side)	3	Prod	
GE B		The Physical Universe or Life Forms	3	GE	B1 or B2	GE D		Behavioral and Social Sciences	3	GE	D1/D2/D3
Theme 2		Upper Division Theme	3	GE	UD Theme	Theme 3		Upper Division Theme	3	GE	UD Theme
						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 (6 courses)		18
APCG 110	CSCI 040 Computer-Assisted Art I	3
APCG 112	APCG 044 Digital Photography	3
APCG 117	APCG 046 Concept Design & Storyboarding	3
CSCI 111	CSCI 015A Programming and Algorithms I	3
APCG 330	CSCI 140 3-D Computer Modeling	3
APCG 340	CSCI 240 Computer Animation	3
Total Computer Science Core		18

### Production Option

Course	Description	Units
Required Courses (5 Courses)		13
APCG 345	APCG 141 Adv Animation Pre-Production	3
CSCI 389	CSCI 189C Industry Internship	3
CSCI 399	CSCI 199A Special Problems - Portfolio	1
CSCI 399	CSCI 199C Special Problems - Internship	3
CDES 303	CDES 126 Communication Criticism	3
Applied Computer Graphics Electives (3 courses)		9
APCG 360	CSCI 145 Web Page Design	3
APCG 345	APCG 141 Adv Animation Pre-Production	3
CDES 214	CDES 122 Computer Graphics	3
CDES 216	CDES 066 Introduction to Audio in Media	3
CDES 222	CDES 112 Intro to WWW Design & Pub	3
CDES 314	CDES 270A Intro Multimedia Dsgn & Dev	3
CDES 322	CDES 212 Adv WWW Design & Publish	3
CDES 323	CDES 215 Human Interface Design	3
CDES 333	CDES 132 Graphic Visualization	3
CDES 366	CDES 168A Field Video Production	3
CDES 414	CDES 270B Adv Multimedia Dsgn & Develop	3
CDES 466	CDES 168B Studio Video Production	3
CDES 468	CDES 243 Video Production Workshop	3
CSCI 545	CSCI 241 Advanced Animation Production	3
KINE 318	PHED 218 3-D Desktop Video Applications	3
KINE 524	PHED 224 Biomechanical Analysis	3
THEA 112	THEA 060 Acting for Non-Majors	3
THEA 371	THEA 170 Lighting Design	3
Total Technical Option		22

### Communication Design Program

Course	Description	Units
Required Courses (3 Courses)		9
CDES 101	CDES 001 Introduction to Communication	3
CDES 102	CDES 002 Principles of Comm Design	3
CDES 307	CDES 107 Technology and Communication	3
CD Selections (3 Course)		9
CDES 103	CDES 003 Writing for Electronic Media	3
CDES 141	CDES 040 Media Aesthetics	3
CDES 241	CDES 140 North American Cinema	3
CDES 242	CDES 147 History of Documentary Film	3
CDES 261	CDES 065 Found of Electronic Media	3
CDES 281	CDES 080 Print as Digital Output Medium	3
CDES 315	CDES 240 Electronic Media Economics	3
CDES 331	CDES 131 History of Graphic Design	3
CDES 341	CDES 268 American Radio and Television	3
CDES 362	CDES 162 Media Performance	3
CDES 363	CDES 160 Broadcast News	3
CDES 368	CDES 163 Public Affairs Programming	3
Applied Computer Graphics Electives (3 courses)		9
Select three additional courses from Applied Computer Graphics Electives in your chosen option. (See column at left.)		
Total Art Studio Program Units		27

### Double Counted Units

APCG 110	C1	3
Total Double Counted		3

### Unit Summary

APCG Core Requirements	18
Production Option	22
Communication Design Program	27
Lower Division General Education	39
Upper Division General Education	9
American Institutions	6
Double Counted	-3
Electives	2
Total Degree	120