

**Departmental/Program Major Courses (35 credits)**

**Required Major Courses (29 credits)**

- \_\_\_\_\_ (2) CGT 10101 – Foundations of Computer Graphics Technology
- \_\_\_\_\_ (3) CGT 11800 – Fundamentals of Imaging Technology
- \_\_\_\_\_ (3) CGT 24100 – Introduction to Computer Animation
- \_\_\_\_\_ (3) CGT 24600 – Compositing I
- \_\_\_\_\_ (3) CGT 34000 – Digital Lighting and Rendering
- \_\_\_\_\_ (3) CGT 34600 – Digital Video and Audio
- \_\_\_\_\_ (3) CGT 41100 – Contemporary Problems in Applied CGT
- \_\_\_\_\_ (3) CGT 44600 – Post Production and Special Effects
- \_\_\_\_\_ (3) CGT 44800 – Visual Effects Capstone
- \_\_\_\_\_ (3) CGT 45000 – Professional Practices

**Major Selectives\* - Select 2 of the following courses (6 credits)**

<http://www.tech.purdue.edu/CGT/academics/coursepages.cfm>

- \_\_\_\_\_ (3) CGT VFX Selective
- \_\_\_\_\_ (3) CGT VFX Selective

**Other Departmental /Program Course Requirements (43 credits)**

- \_\_\_\_\_ (3) COM 11400 – Speech Communication *(satisfies Oral Communication for core)*
- \_\_\_\_\_ (3) COM 31400 – Advanced Presentation Speaking
- \_\_\_\_\_ (3) ENGL 10600 or ENGL 10800 *(satisfies Written Communication for core)*
- \_\_\_\_\_ (3) ENGL 42000 – Business Writing
- \_\_\_\_\_ (3) ENGL 42100 – Technical Writing
- \_\_\_\_\_ (3) ENTR 20000 – Introduction to Entrepreneurship and Innovation
- \_\_\_\_\_ (3) ENTR 31000 – Marketing and Management for New Ventures
- \_\_\_\_\_ (3) ENTR 48000 – Entrepreneurship Capstone
- \_\_\_\_\_ (3) MA 15800 – Precalculus
- \_\_\_\_\_ (3) MA 16010 – Applied Calculus I *(satisfies Quantitative Reasoning Selective for core)*
- \_\_\_\_\_ (3) PHIL 11400 – Global Moral Issues
- \_\_\_\_\_ (4) PHYS 21800 – General Physics *(satisfies Science Selective for core)*
- \_\_\_\_\_ (3) PSY 12000 – Elementary Psychology *(satisfies Human Culture Behavioral/Social Science for core)*
- \_\_\_\_\_ (3) TECH 12000 – Design Thinking *(satisfies Information Literacy AND Science, Technology & Society Selective for core)*

**Electives (42 credits)**

_____ (3) <i>Human Behavior Humanities for core</i>	_____ (3) <i>Science Selective for core</i>	_____ (3) Foreign Language Elective	_____ (3) Foreign Language Elective
_____ (3) Psychology Selective	_____ (3) Technical Elective	_____ (3) Technical Elective	_____ (3) Technical Elective
_____ (3) CGT Global Selective	_____ (3) Free Elective	_____ (3) Free Elective	_____ (3) Free Elective
_____ (3) Free Elective	_____ (3) Free Elective	_____	_____

**University Core Requirements**

<i>Human Cultures Humanities</i>	<input type="checkbox"/>	<i>Science, Technology &amp; Society Selective</i>	<input type="checkbox"/>
<i>Human Cultures Behavioral/Social Science</i>	<input type="checkbox"/>	<i>Written Communication</i>	<input type="checkbox"/>
<i>Information Literacy</i>	<input type="checkbox"/>	<i>Oral Communication</i>	<input type="checkbox"/>
<i>Science Selective</i>	<input type="checkbox"/>	<i>Quantitative Reasoning</i>	<input type="checkbox"/>
<i>Science Selective</i>	<input type="checkbox"/>		

**The student is ultimately responsible for knowing and completing all degree requirements.**

**myPurduePlan is knowledge source for specific requirements and completion**

**Computer Graphics Technology- Visual Effects Compositing (VECO)**<https://polytechnic.purdue.edu/degrees/computer-graphics-technology/plan-of-study>

Name:

PUID:

**Suggested Arrangement of Courses:**

Cr	Fall 1st Year	Prerequisite	Cr	Spring 1st Year	Prerequisite
2	CGT 10101 Foundations of CGT	Major	3	CGT 11800 Fundamentals of Imaging	Major
3	TECH 12000 Design Thinking *	Major	3	CGT 24100 Intro to Computer Animation	Major
3	Foreign Language Selective		3	COM 11400 Speech Communication*	
3	English Selective*		3	Foreign Language Selective	
3	MA 15800 Precalculus*	ALEKS 60%	3	MA 16010 Applied Calculus I*	MA 158 or ALEKS 75%
<b>14</b>			<b>15</b>		

Cr	Fall 2nd Year	Prerequisite	Cr	Spring 2nd Year	Prerequisite
3	CGT 24600 Compositing I		3	ENTR 20000 Intro to Entrepreneurship & Innovation	
3	CGT 34000 Digital Light & Rendering		3	Human Behavior: Humanities Core	
4	PHYS 21800 Gen Physics*		3	Science Foundational Selective Core*	
3	PSY 12000 Elementary Psychology		3	Technical Elective	
3	CGT VFX Selective		3	Free Elective	
<b>16</b>			<b>15</b>		

Cr	Fall 3rd Year	Prerequisite	Cr	Spring 3rd Year	Prerequisite
3	CGT 34600 Digital Video and Audio		3	CGT 44600 Post-Production & Spec. Eff.	
3	CGT VFX Selective		3	ENTR 31000 Marketing & Management for New Ventures	ENTR 20000
3	PHIL 11400 Global Moral Issues		3	COM 31400 Advanced Presentation Speaking	COM 11400
3	ENGL 42000 Business Writing	ENGL 106 or 108	3	Free Elective	
3	Psychology Selective		3	Free Elective	
<b>15</b>			<b>15</b>		

Cr	Fall 4th Year	Prerequisite	Cr	Spring 4th Year	Prerequisite
3	CGT 44800 Visual Effects Capstone		3	CGT 45000 Professional Practice	SR Standing
3	ENTR 48000 Entr Capston	ENTR 31000	3	CGT 41100 Contemp Prob in CGT	SR Standing
3	ENGL 42100 Technical Writing	ENGL 106 or 108	3	Free Elective	
3	CGT Globalization Selective		3	Free Elective	
3	Technical Elective		3	Technical Elective	
<b>15</b>			<b>15</b>		

\*Satisfies a University Core Requirement

Students must earn a "C-" or better in all CGT courses.

**120 semester credits required for Bachelor of Science degree.****2.0 Graduation GPA required for Bachelor of Science degree.**

Purdue policy states that a student may attempt a course no more than three (3) times. An attempt is defined as all courses displayed on a student's transcript including, but not limited to A,B,C,D,E,F,W,WF,I and IF

\*\*\*\*\*

**The student is ultimately responsible for knowing and completing all degree requirements.****myPurduePlan is knowledge source for specific requirements and completion**

\*\*\*\*\*

**SUPPLEMENTAL CGT INFORMATION****CGT VFX SELECTIVES:**

CGT 14700 VFX - Introduction  
 CGT 24700 VFX – Particles and Procedural FX (CGT 14700)  
 CGT 24800 VFX3 – Pyro and Destruction (CGT 24700)  
 CGT 24900 VFX Programming (CGT 247)  
 CGT 34800 Photorealistic Shaders (CGT 24700)  
 CGT 34900 VFX-Technical Directing (CGT 34800)  
 CGT 44800 VFX Capstone (CGT 34900)

**TECHNICAL ELECTIVE:** Any course within the Purdue Polytechnic, Engineering, Management, or Science.

**HUMAN CULTURES: HUMANITIES CORE:**

See <http://www.purdue.edu/provost/initiatives/curriculum/course.html> for approved Humanities Core Courses.

**SCIENCE FOUNDATIONAL SELECTIVE CORE:**

See <http://www.purdue.edu/provost/initiatives/curriculum/course.html> for approved Science Core Courses.

**CGT GLOBALIZATION SELECTIVE:**

AD 25500 Art Appreciation	HIST 24300 South Asian History and Civilization
AD 45400 Modern Architecture	HIST 24500 Middle East History and Culture
AGEC 25000 Econ. Geography of World Food	HIST 25000 US Relations, Mid. East & N. Africa
ANTH 10000 Introduction to Anthropology	HIST 27200 Latin American History from 1824
ANTH 20500 Human Cultural Diversity	HIST 31700 History of the Christian Church I
ANTH 21200 Culture, Food, and Health	HIST 32900 Women in Modern Europe
ANTH 23000 Gender Across Culture	HIST 33400 Sci & Tech in West. Civilization II
ANTH 31200 The Archaeology of Ancient Egypt	HIST 34200 Africa and the West
ANTH 32700 Environment and Culture	HIST 35100 Second World War
ANTH 33600 Human Variation	HIST 36100 Violence in Africa
ANTH 38000 Using Anthropology in the Word	HIST 37500 US Women Since 1870
ARAB 23000 Arabic Literature in Translation	JPNS 28000 Intro to Modern Japanese Civilization
ASAM 24000 Intro to Asian American Studies	JWST 33000 Intro to Jewish Studies
ASAM 34000 Contemp. Issues in Asian America	LC 23500 East Asian Literature
CHNS 28000 Topics in Chinese Civiliz. & Culture	LC 23900 Contemporary Foreign Women Writers
CLCS 18100 Classical World Civilizations	PHIL 11400 Global Morals Issues
CLCS 23100 Survey of Latin Literature	PHIL 20600 Philosophy of Religion
CLCS 28000 Topics in Classic Civilizations	PHIL 21900 Intro to Existentialism
CLCS 38500 Sci, Med, and Magic in Ancient West	PHIL 24000 Social & Political Philosophy
CMPL 23000 Intro to Comparative Literature	PHIL 24200 Phil, Culture & African American Exp
CMPL 26600 World Lit to 1700 A D	PHIL 27000 Biomedical Ethics
CMPL 26700 World Lit from 1700 to now	PHIL 29000 Environmental Ethics
COM 22400 Com in the Global Workplace	PHIL 33000 Religions of the East
COM 30300 Intercultural Communication	PHIL 33100 Religions of the West
EAPS 37500 Fossil Fuels, Energy, and Society	POL 13000 Intro to International Relations
EEE 35500 Eng Environmental Sustainability	POL 14100 Governments of the World
ENGL 23000 Great Narrative Works	POL 22200 Women, Politics and Public Policy
ENGL 24000 British Lit Through 18th Century	POL 2300 Intro to the Study of Peace
ENGL 24100 Brit Lit From Romantic. to Modern	POL 23100 Intro to US Foreign Policy
ENGL 26600 World Literature to 1700 A D	POL 23500 Rich and Poor Nations
ENGL 26700 World Literature 1700 to now	POL 23700 Modern Weapons & Internationl Relatns
ENGL 34100 Topics in Sci, Lit, and Culture	POL 30400 Israel and World Politics
FNR 10300 Intro to Environm. Conservation	POL 32700 Green Global Politics
HDFS 28000 Diversity in Individ. & Family Life	POL 34200 Govt and Politics in the Communist Successor States
HEBR 28000 Modern Israel: Cinema, Lit, ect.	POL 34500 West European Democracies in the Post-Industrial Era
HEBR 28400 Ancient Near E Hist and Culture	POL 34800 East Asian Politics
HIST 10300 Intro to the Medieval World	SOC 33800 Global Social Movements
HIST 10400 Intro to the Modern World	SOC 33900 Introduction to Sociology of Developing Nations
HIST 10500 Global History	TECH 33000 Tech & the Global Society
HIST 20400 East Asia in the Modern World	Any foreign language course of 201, 202, 301, 302, 401, 402, or 235
HIST 24100 East Asia in the Modern World	Any Study Abroad experience on your Purdue Transcript

## **Departmental Policy**

It is the responsibility of each student to assure that he or she fulfills the necessary pre-requisites and courses to meet graduation requirements. Questions may be directed to a CGT advisor.

Each student must have 32 credit hours of 300- or 400-level Purdue courses for graduation.

## **MINORS APPROVED BY CGT FACULTY**

Art & Design (ARTS) <http://www.cla.purdue.edu/academics/programs/pos/MARTD201210.pdf>

Building Construction Management (BCMT) <http://www.tech.purdue.edu/bcm/academics/undergraduate/bcm-minor/>

Computer & Information Technology (CNIT) <http://www.tech.purdue.edu/cit/academics/undergraduate/curricula/documents/minors-worksheet.pdf>

Computer Science (CS) [http://www.cs.purdue.edu/academic\\_programs/undergraduate/curriculum/minor/index.sxhtml](http://www.cs.purdue.edu/academic_programs/undergraduate/curriculum/minor/index.sxhtml)

Film/Video Studies (FILV) <http://www.cla.purdue.edu/academics/programs/pos/MFILV201010.pdf>

Mathematics (MATH) [http://www.math.purdue.edu/academic/files/undergrad/math\\_minor.pdf](http://www.math.purdue.edu/academic/files/undergrad/math_minor.pdf)

Management (MGMT) <http://www.krannert.purdue.edu/undergraduate/current-students/MGMT%20Minor%20Requirements.pdf>

Organizational Leadership & Supervision (OLSV) [http://www.tech.purdue.edu/TLI/academics/undergraduate/OLS/ols\\_minors.cfm](http://www.tech.purdue.edu/TLI/academics/undergraduate/OLS/ols_minors.cfm)

Psychology (PSY) [http://www.purdue.edu/hhs/psy/undergraduate/majors\\_req\\_courses/index.php](http://www.purdue.edu/hhs/psy/undergraduate/majors_req_courses/index.php)

Foreign Language: Choose a language from this page <http://www.cla.purdue.edu/academics/programs/minors/>