

Fall 1 st Year	CR	GR	Sem	Fulfilled by	Spring 1 st Year	CR	GR	Sem	Fulfilled by
CGT 10101 Foundations of CGT	2				CGT 11600 Geo Model Vis & Comm or CGT 11100 Design for Visual Communication	3			
CGT 11800 Fund. Of Imaging Tech	3				CGT 14100 Internet Fdtn Dev & Tech	3			
TECH 12000 Design Thinking in Tech.*	3				SCLA 10200 Transformative Texts, Critical Thinking & Comm II*	3			
MA 15800 Precalculus* (P: ALEKS 60%)	3				MA 16010 Applied Calculus I* (P: MA 15800 or ALEKS 75%)	3			
SCLA 10100 Transformative Texts, Critical Thinking & Comm I*	3				PSY 12000 Elem Psychology*	3			
TOTAL CREDIT HOURS	14				TOTAL CREDIT HOURS	15			

Fall 2 nd Year	CR	GR	Sem	Fulfilled by	Spring 2 nd Year	CR	GR	Sem	Fulfilled by
CGT 24100 Intro to Computer Animation (P: CGT 116/111)	3				CGT 21500 CG Programming I (P: CGT 14100 and Conc MA 16010)	3			
Human Cultures: Humanities Core*	3				CGT 25001 Professional Practices I	1			
Technical Elective (Recommended: CGT 11200) Sketching	3				ECON 21000 Principles of Econ	3			
Free Elective	3				CGT Selective	3			
PHYS 22000 General Physics I*	4				Science Foundational Selective Core*	3			
					Free Elective	3			
TOTAL CREDIT HOURS	16				TOTAL CREDIT HOURS	16			

Fall 3 rd Year	CR	GR	Sem	Fulfilled by	Spring 3 rd Year	CR	GR	Sem	Fulfilled by
CGT 34000 Digital Light & Rendering (P: CGT 24100)	3				CGT 34100 Motion for Computer Animation (P: CGT 34000)	3			
CGT Selective	3				CGT Selective	3			
Humanities Elective	3				CGT Globalization Selective	3			
Advanced English Selective (ENGL 42100) (P: SCLA 10100)	3				STAT 30100 Elem Statistical Methods	3			
Free Elective	3				Management Selective	3			
TOTAL CREDIT HOURS	15				TOTAL CREDIT HOURS	15			

Fall 4 th Year	CR	GR	Sem	Fulfilled by	Spring 4 th Year	CR	GR	Sem	Fulfilled by
CGT 44200 Production for Computer Animation (P: CGT 34100)	3				CGT 41201 Contemp Prob in CGT II (Prereq: Senior Standing)	2			
CGT 41101 Contemp Prob in CGT I (P: Senior Standing)	2				CGT 45001 Professional Practice II (P: Senior Standing)	1			
MGMT 45500 Legal Background for Business I	3				Free Elective	3			
Humanities Elective	3				Communication Selective (P: SCLA 10200)	3			
Free Elective	3				Technical Elective	3			
Technical Elective	3								
TOTAL CREDIT HOURS	17				TOTAL CREDIT HOURS	12			

*Fulfills University Core Curriculum requirement. Graduation Requirements: Humanities Requirement, Professional Requirement, Cornerstone Certificate

- 120 semester credits and a 2.0 Graduation GPA are required for the Bachelor of Science degree.
- Students must earn a "C-" or better in all CGT courses.
- Courses at Purdue University may only be attempted a maximum of three (3) times, including W, WF, I, IF and all graded attempts.
- 32 credit hours of 300-level or higher courses must be completed at Purdue University.

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

New Albany 2020 CGT SUPPLEMENTAL INFORMATION

All prerequisites must be met.

CGT SELECTIVES:

10000 Selective

CGT 11100 Designing For Visualization and Communication
CGT 11600 Geometric Modeling for Visualization and Communication

Product Lifecycle Management

CGT 22600 Intro to Constraint-Based Modeling (CGT 116, 110, or 163)
CGT 32600 Graphic Standards for Product Definition (CGT 226) (SP)
CGT 42300 Product Data Management (CGT 226) (SP)
CGT 42600 Industry Applications of Simulation & Visualization (CGT 226) (FA)

Computer Animation

CGT 24100 Intro to Computer Animation (CGT 116)
CGT 34000 Digital Lighting & Rendering for Computer Animation (CGT 241)
CGT 34100 Motion for Computer Animation (CGT 340)
CGT 34600 Digital Video & Audio
CGT 44200 Production for Computer Animation (CGT 341) (FA)
CGT 44600 Post-Production & Special Effects for Computer Animation (CGT 241 & Senior Standing) (SP)

Construction Graphics

CGT 26200 Intro to Construction Graphics (FA)
CGT 36000 Applications of Construction Documentation 1 (CGT 262) (SP)
CGT 46000 Building Information Modeling for Commercial Construction (CGT 360) (SP)
CGT 46200 Applications of Construction Documentation 2 (CGT 360) (FA)

Web Programming, Gaming & Design

CGT 25600 Human Computer Interface Theory & Design (SP)
CGT 34500 Game Development III: Environment Modeling for Games (MA 153 or higher, CGT 241, & CGT 215, CS 180, or CNIT 267) (FA)
CGT 35300 Principles of Interactive & Dynamic Media (Co-Req CGT 356) (FA)
CGT 35600 Web Programming, Development, & Data Integration (CGT 215, CNIT 267, or CS 180)
CGT 44500 Game Development IV: Procedural Asset Creation for Games (CGT 245 or 345) (SP)
CGT 45600 Advanced Web Programming, Development, & Data Integration (CGT 356) (SP)

COMMUNICATION SELECTIVE:

COM 30000 or 40000 level (**COM 32000 or OLS 38800**)

TECHNICAL ELECTIVE: Any course within Purdue Polytechnic (MET, EET, IET, TLI, CGT, OL), 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.

ADVANCED ENGLISH SELECTIVE

ENGL 20500 Introduction to Creative Writing
ENGL 30400 Advanced Composition
ENGL 41900 Multimedia Writing

ENGL 42000 Business Writing
ENGL 42100 Technical Writing

STATISTICS SELECTIVE:

STAT 22500 Introduction to Probability Models
STAT 30100 Elementary Statistical Methods

PSY 20100 Introduction to Statistics in Psychology
IET 31600 Statistical Quality Control

MANAGEMENT SELECTIVE:

Any course in Organizational Leadership (OL), Technology Leadership & Innovation (TLI), Management (MGMT), Economics (ECON), Entrepreneurship (ENTR), or Organizational Behavior & Human Resources (OBHR)

CGT GLOBALIZATION SELECTIVE:

AAS 27100	Intro to African American Studies		HIST 19500	Historical Research & Film!
AAS 37300	History of Injustice		HIST 33805	History of Human Rights
AGR 20100	Communication Across Cultures		HIST 36600	Hispanic Heritage of the USA
ANSC 38100	Leadership for a Diverse Workplace		HIST 37700	History & Culture of Native America
ANTH 20500	Human Culture Diversity		HIST 46900	Black Civil Rights Movement
ANTH 21200	Culture, Food and Health		HIST 47900	Amer. Representations of Middle East & North Africa
ANTH 23000	Gender Across Cultures		HIST 49900	History of Sexual Regulation in the US
ANTH 34000	Global Perspectives on Health		HTM 37000	Sustainable Tourism & Responsible Travel
ANTH 37900	Native American Cultures		HTM 37200	Global Tourism Geography
ARAB 28000	Arabic Culture		PHIL 11400	Global Moral Issues
ASAM 24000	Intr to Asian American Studies		PHIL 43500	Philosophy of Mindy
AT 23300	Ethics and Aviation		POL 22200	Women, Politics & Public Policy
CNIT 32000	Policy, Regulation, & Globalization in IT		POL 23500	Rich & Poor Nations
COM 22400	Communicating in the Global Workplace		POL 32600	Black Political Participation in America
COM 30300	Intercultural Communication		POL 36000	Women and the Law
COM 32000	Small Group Communication		POL 42900	It's a Complex World
COM 38000	Sociolinguistic Study of African Amer. English		PSY 12000	Elementary Psychology
COM 41200	Theories of Human Interaction		PSY 25000	Psychology of Adjustment
ECET 29000	International Experience		PSY 25100	Health Psychology
ECET 38001	Global Professional Issues in ET		SOC 10000	Intro to Sociology
EDPS 30100	Peer Counseling Training		SOC 31000	Racial and Ethnic Diversity
EDPS 31500	Collaborative Leadership: Listening		SOC 33900	Intro to Sociology of Developing Nations
EDPS 31700	Collaborative Leadership: Mentoring		TECH 33000	Technology & the Global Society
ENGL 41400	Literature & Culture		TLI 31400	Leading Innovations in Organizations
HDFS 23300	Stress & Human Health		WGSS 28200	Intro to LGBT Studies
HDFS 28000	Diversity in Individual & Family Life		WGSS 38000	Gender & Multiculturalism
HDFS 33200	Stress & Coping in Contemporary Families		WGSS 38300	Women and Work
HEBR 38500	The Holocaust in Modern Hebrew Literature		Any Foreign Language course 20100, 20200, 30100, 30200, 40100, 40200	

Professional Requirement (1 required):

A Complete an Internship

B Complete a Co-op

C Employment during the academic year related to Major Field of Study

D Complete an in-class internship-like experience created by Major

E Student Proposed Alternative: must be commensurate with the expectations of Professional Requirements related to Major Field of Study