

Name:
PUID:

120 Credit Hours to Graduate
"C-" or better required in all major courses

Departmental/Program Major Courses (41 credits)

Required Major Courses (17 credits)

- _____ (2) CGT 10101 – Foundations of Computer Graphics Technology
- _____ (3) CGT 11800 – Fundamentals of Imaging Technology
- _____ (3) CGT 14100 – Internet Foundations, Development & Technologies
- _____ (3) CGT 21500 – CG Programming I (*CSCI-A201)
- _____ (3) CGT 41100 – Contemporary Problems in Applied CGT
- _____ (3) CGT 45000 – Professional Practices

Major Selectives* - Select 8 of the following courses (24 credits)

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

- _____ (3) CGT 10000 – 100 Level Selective (CGT 11100 or CGT 11600)
- _____ (3) CGT Selective
- _____ (3) CGT Selective
- _____ (3) CGT Selective
- _____ (3) CGT Selective
- _____ (3) CGT Selective – 300 or 400 Level Selective
- _____ (3) CGT Selective – 300 or 400 Level Selective
- _____ (3) CGT Selective – 400 Level Selective

Other Departmental /Program Course Requirements (29 credits)

- _____ (3) COM 11400 (*SPCH-S121) – Speech Communication (*satisfies Oral Communication for core*)
- _____ (3) ECON 21000 (*ECON-E101) – Principles of Economics
- _____ (3) ENGL 10600 (*ENG-W131) (*satisfies Written Communication for core*)
- _____ (3) MA 15800 – PreCalculus (*satisfies Quantitative Reasoning Selective for core*)
- _____ (3) MA 16010 – Applied Calculus I (*satisfies Quantitative Reasoning Selective for core*)
- _____ (3) MGMT 45500 (*BUS-L201) – Legal Background For Business I
- _____ (5) PHYS 21800 (*PHYS-P201) – General Physics (*satisfies Science Selective for core*)
- _____ (3) PSY 12000 (*PSY-P101) – Elementary Psychology
- _____ (3) TECH 12000 – Design Thinking (*satisfies Information Literacy AND Science, Technology & Society Selective for core*)

Electives (51 credits)

_____ (3) <i>Human Behavior</i> <i>Humanities for</i> <i>core</i>	_____ (3) <i>Science Selective</i> <i>for core</i>	_____ (3) Humanities Elective	_____ (3) Humanities Elective
_____ (3) Technical Elective	_____ (3) Technical Elective	_____ (3) Technical Elective	_____ (3) Advanced English Selective
_____ (3) Statistics Selective	_____ (3) Management Elective	_____ (3) Communication Selective	_____ (3) CGT Global Selective
_____ (3) Free Elective	_____ (3) Free Elective	_____ (3) Free Elective	_____ (3) Free Elective
_____ (3) Free Elective			

*Denotes New Albany Campus Course Offering

University Core Requirements

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

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

myPurduePlan is knowledge source for specific requirements and completion

Suggested Arrangement of Courses:

Cr	Fall 1st Year	Prerequisite	Cr	Spring 1st Year	Prerequisite
2	CGT 10101 Foundations of CGT	Major	3	CGT 10000 Selective (10000 Level)	Major
3	CGT 11800 Fund. Of Imaging Tech*	Major	3	CGT 14100 Internet Fdtn Dev & Tech	Major
3	TECH 12000 Design Thinking *		3	COM 11400 Speech Communication* (*SPCH-S121)	
3	English Selective* (*ENG-W131)		3	PSY 12000 Elem. Psychology* (*PSY-P101)	
3	MA 15800 Precalculus*	ALEKS 60%	3	MA 16010 Applied Calculus I*	MA 158 or ALEKS 75%
14			15		

Cr	Fall 2nd Year	Prerequisite	Cr	Spring 2nd Year	Prerequisite
3	CGT 21500 CG Programming I (*CSCI-A201)	CGT 141 & Conc MA 16010	3	CGT Selective	
3	Human Behr: Human Core*		3	CGT Selective	
4	PHYS 21800 Gen Physics* (*PHYS-P201)		3	Science Foundational Selective Core*	
3	Free Elective		3	ECON 21000 Principles of Econ (*ECON-E101)	
3	Technical Elective		3	Free Elective	
16			15		

Cr	Fall 3rd Year	Prerequisite	Cr	Spring 3rd Year	Prerequisite
3	CGT Selective		3	CGT Selective (30000 or 40000 Level)	
3	CGT Selective		3	CGT Selective (30000 or 40000 Level)	
3	Humanities Elective		3	CGT Globalization Selective	
3	Advanced English Sel (*ENG-W234)	ENGL 106 or 108	3	Statistics Selective (*MATH-K300)	
3	Free Elective		3	Management Selective	
15			15		

Cr	Fall 4th Year	Prerequisite	Cr	Spring 4th Year	Prerequisite
3	CGT Selective (40000 Level)		3	CGT 45000 Professional Practice	SR Standing
3	Humanities Elective		3	CGT 41100 Contemp Prob in CGT	SR Standing
3	Free Elective		3	Free Elective	
3	MGMT 45500 Leg. Backgrd for Bus I (*BUS-L201)		3	Communication Selective (*SPCH-S229)	
3	Technical Elective		3	Technical Elective	
15			15		

*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

Bold indicates courses offered at New Albany Campus.

- **Indicates IU Southeast course for New Albany Campus only (See Student Services Coordinator for availability.)**

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 & Co-Req CGT 211)

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 (Senior Standing) (SP)

Construction Graphics

CGT 26200 Intro to Construction Graphics

CGT 36000 Applications of Construction Documentation 1 (CGT 26200) (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 (CGT 111 & Co-Req CGT 211) (SP)

CGT 30800 Pre Press Production (CGT 111) (FA)

CGT 34500 Game & Simulation Development (MA 153 or higher, CGT 241, & CGT 215, CS 180, or CNIT 267) (FA)

CGT 35300 Principles of Interactive & Dynamic Media (CGT 216 & Co-Req CGT 356)

CGT 35600 Web Programming, Development, & Data Integration (CGT 215, CNIT 267, or CS 180)

CGT 44500 Video Game Design & Development (CGT 245 or 345) (SP)

CGT 45600 Advanced Web Programming, Development, & Data Integration (CGT 356) (SP)

TECHNICAL ELECTIVE: Any course within the **College of Technology** offered at the location, not already required/being used on the plan of study.

HUMAN CULTURES: HUMANITIES CORE:

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

Students of New Albany location see the following link to review how IU courses transfer to Purdue Core:

<http://www.purdue.edu/provost/initiatives/curriculum/documents/Retro%20and%20Transfer%20Credit%20Course%20list%205-27-14.pdf>

***ENG-L104, FINA-F100, HIST-H105, HIST-H106, MUS-M174**

COMMUNICATION SELECTIVE:

COM 30000 or 40000 level (***SPCH-S229**)

ADVANCED ENGLISH SELECTIVE

ENGL 20500 Introduction to Creative Writing

ENGL 30400 Advanced Composition ENGL

ENGL 41900 Multimedia Writing

ENGL 42000 Business Writing (***ENG-W231**)

ENGL 42100 Technical Writing (***ENG-W234**)

SCIENCE FOUNDATIONAL SELECTIVE CORE:

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

Students of New Albany location see the following link to review how IU courses transfer to Purdue Core:

<http://www.purdue.edu/provost/initiatives/curriculum/documents/Retro%20and%20Transfer%20Credit%20Course%20list%205-27-14.pdf>

STATISTICS SELECTIVE:

STAT 22500 Introduction to Probability Models

STAT 30100 Elementary Statistical Methods (***MATH-K300**)

PSY 20100 Introduction to Statistics in Psychology

IT 34200 Introduction to Statistical Quality

MANAGEMENT SELECTIVE:

Any course in Organizational Leadership & Supervision (OLS), Management (MGMT), Economics (ECON), Entrepreneurship (ENTR), or Organizational Behavior & Human Resources (OBHR)

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

***FINA-F100, ANTH-E105, HIST-H101, REL-R153, POLS-Y109, Foreign Language 200+**

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

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