

Departmental/Program Major Courses (57 credits)

Required Technical Courses (26 credits)

- _____ (2) CGT 10101 – Foundations of Computer Graphics Technology
- _____ (3) CGT 11100 – Designing for Visualization and Communication
- _____ (3) CGT 11200 – Sketching for Visualization and Communication
- _____ (3) CGT 11600 – Geometric Modeling for Visualization and Communication
- _____ (3) CGT 11800 – Fundamentals of Imaging Technology
- _____ (3) CGT 14100 – Internet Foundations, Development & Technologies
- _____ (3) CGT 21500 – CG Programming I (***CNIT 17500 Visual Programming**)
- _____ (3) ¹CGT Selective 1 – (CGT 24100)
- _____ (3) ¹CGT Selective 2 – (CGT 25600)

Other Departmental/Program Course Requirements (31 credits)

- _____ (3) COM 11400 – Speech Communication (***SPCH-S 121**) *(satisfies Oral Communication for core)*
- _____ (3) ECON 21000 – Principles of Economics (***ECON-E 103 or *ECON-E 104**) *(satisfies Human Cultures Behavior/Social Science for core)*
- _____ (3) ENGL 10600 or ENGL 10800 (***ENG-W 131**) *(satisfies Written Communication for core)*
- _____ (3) MA 15800 – Pre-Calculus *(satisfies Quantitative Reasoning Selective for core)*
- _____ (3) MA 16010 – Applied Calculus I *(satisfies Quantitative Reasoning Selective for core)*
- _____ (4) PHYS 21800 – General Physics (***PHYS-P 201, 5 cr.**) *(satisfies Science Selective for core)*
- _____ (3) TECH 12000 – Design Thinking *(satisfies Information Literacy AND Science, Tech & Society Selective for core)*
- _____ (3) ²Human Cultures *(satisfies Humanities for Core)*
- _____ (3) Humanities Electives
- _____ (3) ³Science Selective *(satisfies Science Selective for Core)*

Electives (3 credits)

- _____ (3) Free Elective

University Core Requirements

Human Cultures Humanities	<input type="checkbox"/>	_____	Science, Tech & Society Selective	<input type="checkbox"/>	TECH 12000
Human Cultures Behav/Social Sci.	<input type="checkbox"/>	ECON 21000 (*ECON-E 103 or 104)	Written Communication	<input type="checkbox"/>	ENGL 10600 or 10800 (*ENG-W 131)
Information Literacy	<input type="checkbox"/>	TECH 12000	Oral Communication	<input type="checkbox"/>	COM 11400 (*SPCH-S 121)
Science Selective	<input type="checkbox"/>	PHYS 21800 (*PHYS-P 201)	Quantitative Reasoning	<input type="checkbox"/>	MA 15800
Science Selective	<input type="checkbox"/>	_____			

***Denotes Richmond Location Course Offering**

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

myPurduePlan is knowledge source for specific requirements and completion.

Computer Graphics Technology

Suggested Arrangement of Courses:

Cr	Fall 1st Year	Prerequisite	Cr	Spring 1st Year	Prerequisite
3	English Selective* *ENG-W 131 (IUE)	Placement	3	COM 11400 Speech Communication* *SPCH-S 121 (IUE)	
3	MA 15800 Pre-calculus*	Placement	3	MA 16010 Applied Calculus I*	MA 15800
2	CGT 10101 Foundations of CGT		3	CGT 14100 Internet Fdtn Dev & Tech	
3	CGT 11100 Design for Vis & Com		3	CGT 11600 Geo Modeling for Vis & Com	
3	TECH 12000 Design Thinking* [Technical Elective]		3	Humanities Elective *PSY-P 103 (IUE)	
14			15		

Cr	Fall 2nd Year	Prerequisite	Cr	Spring 2nd Year	Prerequisite
3	CGT 21500 CG Programming I *CNIT 17500 Visual Programming		3	CGT 25600 Human Computer Interface Theory & Design [CGT Selective 2]	CGT 11100, CGT 11800
3	CGT 11200 Sketching for Visualization & Communication		3	ECON 21000 Principles of Econ* *ECON-E 103 or ECON-E 104 (IUE)	
3	CGT 11800 Fundamentals of Imaging Technology		3	Free Elective *BUS-L 203 Commercial Law I (IUE)	
3	CGT 24100 Intro to Comp Animation [CGT Selective 1]	CGT 11600	3	Science Foundational Selective*	
4	PHYS 21800 Gen Physics* *PHYS-P 201, 5 cr (IUE)	MA 15800	3	Human Cultures Humanities Core*	
16			15		

*Satisfies a University Core Requirement

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

60 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 Richmond Location.

See Student Services Coordinator for course availability.

***Indicates IUE courses for Richmond Location only.**

¹CGT SELECTIVES:

CGT 24100 Intro to Computer Animation (CGT 116)

CGT 25600 Human Computer Interface Theory & Design (CGT 111 & CGT 118)

²HUMAN CULTURES: HUMANITIES CORE:

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

***ENGL-L 204**

***FINA-A 101, FINA-A 102**

***FINA-F 100, FINA-H 100**

***FINA-S 200, *FINA-S 260**

***FREN-F 100, *FREN-F 150,**

***FREN-F 200, *FREN-F 250**

***HIST-H 105, *HIST-H 106**

***MUS-M 174, *MUS-T 101, *MUS-Z 393**

***PHIL-P 100, *PHIL-P 120, *PHIL-P 140**

***SPAN-S 100, *SPAN-S 150,**

***SPAN-S 200, *SPAN-S 250**

***THTR-T 210**

³SCIENCE FOUNDATIONAL SELECTIVE CORE:

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

***ANTH-A 103**

***BIOL-L 101 + *BIOL-L 102**

***CHEM-C 105 + *CHEM-C 125,**

***CHEM-C 106 + *CHEM-C 126**

***GEOL-G 111**

***PHYS-P 202**

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.