

Departmental/Program Major Courses (48 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**)
- _____ (3) CGT Selective 1
- _____ (3) CGT Selective 2

Other Departmental/Program Course Requirements (22 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 – PreCalculus (*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**) (*satisfies Science Selective for core*)
- _____ (3) TECH 12000 – Design Thinking (*satisfies Information Literacy AND Science, Technology & Society Selective for core*)

Electives (12 credits)

- | | | | |
|---|---------------------------------------|-------------------------|-------------------|
| (3) <i>Human Cultures Humanities for core</i> | (3) <i>Science Selective for core</i> | (3) Humanities Elective | (3) Free Elective |
|---|---------------------------------------|-------------------------|-------------------|

***Denotes Richmond Campus Course Offering**

University Core Requirements

<i>Human Cultures Humanities</i>	<input type="checkbox"/>	<i>Science, Technology & Society Selective</i>	<input type="checkbox"/> TECH 12000
<i>Human Cultures Behavioral/Social Science</i>	<input type="checkbox"/>	<i>Written Communication</i>	<input type="checkbox"/> ENGL 10600 or 10800 (*ENG-W 131)
<i>Information Literacy</i>	<input type="checkbox"/>	<i>Oral Communication</i>	<input type="checkbox"/> COM 11400 (*SPCH-S 121)
<i>Science Selective</i>	<input type="checkbox"/>	<i>Quantitative Reasoning</i>	<input type="checkbox"/> MA 15800
<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

<https://tech.purdue.edu/degrees/computer-graphics-technology/plan-of-study>

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 Precalculus*	Placement	3	Human Cultures Humanities Core*	
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	MA 16010 Applied Calculus I*	MA 15800
3	CGT 11200 Sketching for Visualization & Communication		3	CGT 39000 Digital Photography [CGT Selective 2]	CGT 11800
3	CGT 11800 Fundamentals of Imaging Technology		3	ECON 21000 Principles of Econ * ECON-E 103 or ECON-E 104 (IUE)	
3	CGT 24100 Intro to Comp Animation [CGT Selective 1]	CGT 11600	3	Free Elective BUS-L 203 Commercial Law I (IUE)	
4	PHYS 21800 Gen Physics* PHYS-P 201, 5 cr (IUE)	MA 15800	3	Science Foundational Selective*	
16			15		

***Fulfills University Core**

- 1) Students must earn a "C-" or better in all CGT courses.
- 2) 60 credits listed above are required for the CGT Associate of Science degree.
- 3) 2.0 Graduation GPA required for Associate of Science degree.
- 4) 32 credits must be taken at the Purdue location conferring the degree.
- 5) ANY COURSE TAKEN AT PURDUE CAN BE ATTEMPTED NO MORE THAN THREE TIMES (INCLUSIVE OF W, WF, I AND IF).

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

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SUPPLEMENTAL CGT INFORMATION

Bold indicates courses offered at Richmond Campus.

See Student Services Coordinator for course availability.

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

CGT SELECTIVES:

CGT 24100 Intro to Computer Animation

CGT 39000 Digital Photography

HUMAN CULTURES: HUMANITIES CORE:

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

***ENGL-L 204**

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

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

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

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

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

***FINA-F 100, *FINA-H 100, *FINA-S 200**

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

***THTR-T 210**

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

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

SCIENCE FOUNDATIONAL SELECTIVE CORE:

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

***BIOL-L 100, *BIOL-L 101 + *BIOL-L 102**

***GEOL-G 111**

***CHEM-C 125 + *CHEM-C 105, *CHEM-C 126 + *CHEM-C 106**

***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.