

**“C-“or better required in all CNIT courses that are a prerequisite to CNIT course
Departmental/Program Major Courses (120 credits)**

Computer and Information Technology Required Major Courses (52 credits)

- ____(3) CNIT 15501 Introduction to Software Development Concepts
- ____(3) CNIT 17600 Information Technology Architectures
- ____(3) CNIT 18000 Introduction to Systems Development (Gateway to CIT)
- ____(3) CNIT 24200 System Administration
- ____(3) CNIT 25501 Object-Oriented Programming Introduction
- ____(3) CNIT 27200 Database Fundamentals
- ____(3) CNIT 28000 Systems Analysis and Design Methods
- ____(3) CNIT 48000 Managing Information Technology Projects
- ____(3) CNIT 32000 Policy, Regulation, and Globalization in Information Technology
- ____(3) CNIT 37200 Database Programming or CNIT 39200 Enterprise Data Management
- ____(4) CNIT 38000 Advanced Analysis and Design
- ____(3) Programming Selective (CNIT 31500 Systems Programming **or** CNIT 32500 Object-Oriented Application Development)
- ____(15) Information Systems Selectives (any other CNIT **or** CGT 30000 level **or** higher courses, EPCS (3 credits) approved by CIT faculty)

Other Departmental /Program Course Requirements (66 credits)

- ____(3) ENGL 10600 English First Year Composition **or** ENGL 10800 Accelerated First-Year Composition **or** ENGL 10100 English Composition I **or** ENG W13100 (IUPUI) (*satisfies Written Communication for core*)
- ____(3) COM 11400 Fundamentals of Speech Communication (*satisfies Oral Communication for core*)
- ____(3) TECH 12000 Design Thinking In Technology (*satisfies Information Literacy Selective for core*)
- ____(3) MA 16010 Applied Calculus I (*satisfies Quantitative Reasoning Selective for core*)
- ____(3) MA 16020 Applied Calculus II (*satisfies Quantitative Reasoning Selective for core*)
- ____(3) OLS 25200 Human Relations in Organizations **or** TLI 11200 Foundations of Organizational Leadership
- ____(3) Communications Selective (COM 21000, COM 21200, COM 31400, COM 31500, COM 31800, COM 32000, COM 32400)
- ____(3) Economics Selective ([AGEC 21700 or ECON 21000], ECON 25100, ECON 25200)
- ____(3) Science Selective (*satisfies Science Selective for core*)
- ____(3) Science Lab Selective (*satisfies Science Selective for core*)
- ____(3) Accounting Selective MGMT 20000 (Required for MGMT Minor), MGMT 20010
- ____(3) Statistics Selective (STAT 22500, STAT 30100, STAT 50100, STAT 51100)
- ____(3) Professional Speaking Selective (COM 31500, COM 32000, COM 32500, COM 41500)
- ____(3) Professional Writing Selective (ENGL 42000, ENGL 42100)
- ____(15) Interdisciplinary Selective (*see supplemental information*)
- ____(3) General Business Selective (TLI 11100, TLI 15200, IT 10400 [Prior to Fall 2015])
- ____(3) Humanities Selective (*satisfies Human Cultures Humanities for core*). *See approved list at: <http://www.purdue.edu/provost/initiatives/curriculum/course.html>*
- ____(3) Behavioral/Social Science Foundational Selective (*satisfies Human Culture Behavioral/Social Science for core*). *See approved list at: <http://www.purdue.edu/provost/initiatives/curriculum/course.html>*

Free Elective (2 credits)

- ____(2) (Any course except: BUS K201, CNIT 10700, CNIT 13600, CNIT 23500, CS 11000, CS 23500, and CSCI N100)

University Core Requirements

Human Cultures Humanities	<input type="checkbox"/> <u>UCC Selective</u>	Science, Technology & Society Selective	<input type="checkbox"/> <u>TECH 12000</u>
Human Cultures Behavioral/Social Science	<input type="checkbox"/> <u>UCC Selective</u>	Written Communication	<input type="checkbox"/> <u>ENGL 10100/10600/10800</u>
Information Literacy	<input type="checkbox"/> <u>TECH 12000</u>	Oral Communication	<input type="checkbox"/> <u>COM 11400</u>
Science Selective	<input type="checkbox"/> <u>UCC Selective</u>	Quantitative Reasoning	<input type="checkbox"/> <u>MA 16010</u>
Science Selective	<input type="checkbox"/> <u>UCC Selective</u>	Quantitative Reasoning	<input type="checkbox"/> <u>MA 16020</u>

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

Phone Number _____ Name _____

Email Address _____ ID _____

FIRST SEMESTER	SUB/EQ	CR	GR	SEM	SECOND SEMESTER	SUB/EQ	CR	GR	SEM
CNIT 18000 (Intro to Systems Development)		3			CNIT 15501 (Intro to Software Development Concepts)		3		
OLS 25200 (Human Relations in Org) or TLI 11200 (Foundations of Org Leadership)		3			CNIT 17600 (Info Tech Architectures)		3		
ENGL 10600, ENGL 10800, ENGL 10100, ENGL 10300, or ENG W1310* (First Year Composition or Accelerated First Year Composition or English Composition I)		3			COM 11400 (Fund of Speech Communication)*		3		
MA 16010 (Applied Calculus I)* Prereq: ALEKS Score of 75% or MA 15400 or MA 15800 with minimum grade of C-		3			MA 16020 (Applied Calculus II)* Prereq: MA 16010 with minimum grade of C-		3		
TECH 12000 (Design Thinking in Technology)* Prereq: COT Major		3			Business Selective ¹		3		
TOTAL CREDIT HOURS		15			TOTAL CREDIT HOURS		15		

THIRD SEMESTER	SUB/EQ	CR	GR	SEM	FOURTH SEMESTER	SUB/EQ	CR	GR	SEM
CNIT 25501 (Object-Oriented Programming- Introduction) Prereq: CNIT 15500 or 15501		3			CNIT 24200 (System Administration) Prereq: CNIT 17600 and Classification 3 (30+ credits)		3		
CNIT 27200 (Database Fundamentals) Prereq: CNIT 15500 or 15501 & CNIT 18000		3			CNIT 28000 (Systems Analysis & Design Methods) Prereq: CNIT 18000 & CNIT 27200		3		
Accounting Selective ²		3			Communications Selective ⁵		3		
Economics Selective ³		3			Statistics Selective ⁶		3		
Science Selective* ⁴		3			Lab Science Selective* ⁷		3		
TOTAL CREDIT HOURS		15			TOTAL CREDIT HOURS		15		

FIFTH SEMESTER	SUB/EQ	CR	GR	SEM	SIXTH SEMESTER	SUB/EQ	CR	GR	SEM
CNIT 38000 Advanced Analysis and Design prereq: CNIT 28000		4			Information Systems Selective ¹⁰		3		
CNIT 37200 Database Programming prereq: CNIT 27200 or CNIT 39200 prereq: CNIT 27200 Enterprise Data Management		3			Information Systems Selective ¹⁰		3		
CNIT 31500 (Systems Programming) or CNIT 32500 (Obj-Oriented Application Development) Prereq: CNIT 25500 or 25501		3			Professional Writing Selective ¹¹		3		
Professional Speaking Selective ⁸		3			Interdisciplinary Selective ⁹		3		
Interdisciplinary Selective ⁹		3			CNIT 32000 Policy, Regulation, and Globalization in IT		3		
TOTAL CREDIT HOURS		16			TOTAL CREDIT HOURS		15		

SEVENTH SEMESTER	SUB/EQ	CR	GR	SEM	EIGHTH SEMESTER	SUB/EQ	CR	GR	SEM
Free Elective ¹²		2			CNIT 48000 (Managing Info Tech Projects) Prereq: CNIT 28000 & SR STANDING		3		
Interdisciplinary Selective ⁹		3			Information Systems Selective ¹⁰		3		
Information Systems Selective ¹⁰		3			Interdisciplinary Selective ⁹		3		
Information Systems Selective ¹⁰		3			Interdisciplinary Selective ⁹		3		
Humanities Foundational Selective* ¹³		3			Behavioral/Social Sciences Foundational Selective* ¹⁴		3		
TOTAL CREDIT HOURS		14			TOTAL CREDIT HOURS		15		

*Fulfills University Core

120 Total

1) Students must earn a C- or better in all CNIT courses that are a prerequisite to CNIT courses.

2) 120 semester credits listed above are required for the CIT Bachelor of Science degree.

3) 2.0 Graduation GPA required for Bachelor of Science degree.

4) 2.0 Graduation GPA in all CNIT courses required for Bachelor of Science degree.

5) CNIT COURSES MAY BE TAKEN NO MORE THAN THREE TIMES (INCLUSIVE OF W, WF or WN, I AND IF GRADES): STUDENTS NOT FULFILLING THIS POLICY MUST WITHDRAW FROM THE PROGRAM.

6) ANY COURSE TAKEN AT PURDUE CAN BE ATTEMPTED NO MORE THAN THREE TIMES (INCLUSIVE OF W, WF, WN, I and IF).

7) Courses in BOLD are essential for the CIT degree critical path to graduation.

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

Updated 6/5/15

SEE REVERSE FOR CIT SUPPLEMENTAL INFORMATION

CIT SUPPLEMENTAL INFORMATION

All prerequisites Must Be Met

¹BUSINESS SELECTIVE

TLI 11100 Gateway to Technology Leadership and Innovation or TLI 15200 Business Principles for Organizational Leadership (for students pursuing the OL Minor) or (IT 10400 Industrial Organization – Last Offered Spring 2015)

²ACCOUNTING SELECTIVE

MGMT 20000 Introductory Accounting (Required for MGMT Minor)
MGMT 20010 Business Accounting

³ECONOMICS SELECTIVE

AGEC 21700 Economics or ECON 21000 Principles of Economics, ECON 25100 Microeconomics, ECON 25200 Macroeconomics

⁴SCIENCE SELECTIVE (3 credits) &**⁷LAB SCIENCE SELECTIVE (must take at least 3 credits of Science Selective with a Lab Component)**

See approved list at: <http://www.purdue.edu/provost/initiatives/curriculum/course.html> and check schedule of classes to ensure the course is being offered with a lab component.

The following courses are typically offered with a lab component:

BIOL 11000 Fundamentals of Biology I*	BIOL 20600 Biology for Elementary Teachers*	EAPS 10200 Earth Science for Elementary Education*
BIOL 11100 Fundamentals of Biology II*	BTNY 11000 Introduction to Plant Science*	EAPS 10900 The Dynamic Earth*
BIOL 13500 First Year Biology Laboratory*	CHM 11100 General Chemistry*	HORT 10100 Fundamentals of Horticulture*
BIOL 14501 First Year Biology Laboratory with Neuro Research Project*	CHM 11200 General Chemistry*	PHYS 17200 Modern Mechanics*
BIOL 14502 First Year Biology Laboratory with Micro Research Project*	CHM 11500 General Chemistry*	PHYS 21800 General Physics*
BIOL 14600 Introduction to Biology*	CHM 11600 General Chemistry*	PHYS 21900 General Physics II*
BIOL 20300 Human Anatomy and Physiology*	CHM 12500 Introduction to Chemistry I*	PHYS 22000 General Physics*
BIOL 20400 Human Anatomy and Physiology*	CHM 12600 Introduction to Chemistry II*	PHYS 22100 General Physics*
BIOL 20500 Biology for Elementary Teachers*	CHM 13600 General Chemistry Honors*	PHYS 27200 Electric and Magnetic Interactions*
	CHM 20000 Fundamentals of Chemistry*	
	CHM 12901 General Chemistry with Biological Focus*	

⁵COMMUNICATIONS SELECTIVE

COM 21000 Debating Public Issues	COM 31800 Principles of Persuasion
COM 21200 Approaches to the Study of Interpersonal Communication	COM 32000 Small Group Communication
COM 31400 Advanced Presentational Speaking	COM 32400 Introduction to Organizational Communication
COM 31500 Speech Communication of Technical Information	

⁶STATISTICS SELECTIVE

STAT 22500 Introduction to Probability Models
STAT 30100 Elementary Statistical Methods
STAT 50100 Experimental Statistics I
STAT 51100 Statistical Methods

⁸Professional Speaking Selective

COM 31500 Speech Communication of Technical Information
COM 32000 Small Group Communication
COM 32500 Interviewing: Principles and Practice
COM 41500 Discussion of Technical Problems

⁹Interdisciplinary Selectives (15 credits)

Any University recognized non-computing minor with at least 15 credits or an approved set of related courses in which Information Technology can be applied.

<http://www.admissions.purdue.edu/majors/minors.php>

COM 32400 Introduction to Organizational Communication	IT 45000 Production Cost Analysis	OLS 37600 Human Resource Issues
ENTR 20000 Introduction to Entrepreneurship and Innovation	MFET 40000 Computer Integrated Manufacturing	OLS 38600 Leadership for Organizational Change & Innovation
ENTR 31000 Marketing and Management for New Ventures	MFET 45100 Manufacturing Quality Control	OLS 47700 Conflict Management
IET 45100 Monetary Analysis for Industrial Decisions	MGMT 20100 Management Accounting I	OLS 48400 Leadership Strategies for Quality and Productivity
IT 34200 Introduction to Statistical Quality	MGMT 30400 Introduction to Financial Management	PSY 27200 Introduction to Industrial Organizational Psychology
IT 34500 Automatic Identification and Data Capture	MGMT 32300 Introduction to Market Analysis	
	MGMT 44301 Management of Human Resources	
	MGMT 45500 Legal Background for Business I	
	OLS 37500 Training Methods	

¹⁰INFORMATION SYSTEMS SELECTIVE

Any non-required 30000 level or higher CNIT course or EPICS (EPCS): participation in EPICS requires CIT faculty approval; CGT courses 30000 level or higher (CGT courses may require instructor permission)

¹¹PROFESSIONAL WRITING SELECTIVE

ENGL 42000 Business Writing
ENGL 42000-E Business Writing (for Entrepreneurship Certificate Students only)
ENGL 42100 Technical Writing

¹²FREE ELECTIVE: Any course except BUS K201, CNIT 10700, CNIT 13600, CNIT 23500, CS 11000, CS 23500, and CSCI N100

¹³HUMANITIES FOUNDATIONAL SELECTIVE: see <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

¹⁴BEHAVIORAL/SOCIAL SCIENCES FOUNDATIONAL SELECTIVE: see <http://www.purdue.edu/provost/initiatives/curriculum/course.html>