"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 Major Courses (54 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 24000 Data Communications and Networking
- (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 31500 Systems Programming
- (3) CNIT 34000 UNIX Administration
- (4) CNIT 34200 Advanced System and Network Administration
- (4) CNIT 34500 Internetwork Design And Implementation
- (4) CNIT 34600 Wireless Local Area Networks
- (3) CNIT 45500 Network Security
- (6) CNIT 48000 Managing Information Technology Projects
- (6) 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 ENGL 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
- (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)
- (4) Physics Selective (satisfies Science Selective for core)
- (4) Physics 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)
- (3) Global and Professional Issues Selective (CNIT 32000)
- (7) Interdisciplinary Selective (see supplemental information)
- (3) General Business Selective (TLI 11100, TLI 15200, IT 10400 [Prior to Fall 2015])
- (3) Interdisciplinary Selective (ECET 22400)
- (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

entral University Core Requirements

<table>
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<tr>
<th>Human Cultures Humanities</th>
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<th>Science, Technology &amp; Society Selective</th>
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| Science Selective

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

myPurduePlan is knowledge source for specific requirements and completion.

Effective Fall 2015

Revised 03/31/15
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<th>FIRST SEMESTER</th>
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<td>CNIT 18000 (Intro to Systems Development)</td>
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<td>CNIT 15501 (Intro to Software Development Concepts)</td>
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<td>CNIT 34200 (Advanced System and Network Admin) Prereqs: CNIT 34000</td>
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1) *Fulfills University Core Requirements 120 Total
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 GRADUES): 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.

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SEE REVERSE FOR CIT SUPPLEMENTAL INFORMATION

Updated 03/31/15
CIT SUPPLEMENTAL INFORMATION for NET MAJOR
All prerequisites Must Be Met

1 BUSINESS SELECTIVE
TLI 11100 Gateway To Technology Leadership And Innovation or TLI 15200 Business Principles for Organizational Leadership or IT 10400 Industrial Organization

2 COMMUNICATIONS SELECTIVE
COM 21000 Debating Public Issues
COM 21200 Approaches to the Study of Interpersonal Communication
COM 31400 Advanced Presentational Speaking
COM 31500 Speech Communication of Technical Information

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

4 ACCOUNTING SELECTIVE
MGMT 20000 Introductory Accounting (Required for MGMT Minor)

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

Professional Speaking Selective
COM 31500 Speech Communication of Technical Information
COM 32000 Small Group Communication
COM 32400 Introduction to Organizational Communication
COM 41500 Discussion of Technical Problems

Interdisciplinary Selectives (7 credits REQUIRED)
Any University recognized non-computing minor with at least 7 credits or an approved set of related courses in which Information Technology can be applied.
http://www.admissions.purdue.edu/majors/minors.php

4 INFORMATION 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

9 PROFESSIONAL WRITING SELECTIVE
ENGL 42000 Business Writing or ENGL 42100 Technical Writing

10 GLOBAL AND PROFESSIONAL ISSUES SELECTIVE
CNIT 32000 Policy, Regulation, and Globalization in IT

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

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

COM 32400 Introduction to Organizational Communication
MET 45100 Manufacturing Quality Control
MFET 24300 Automated Manufacturing I
MGMT 20010 Business Accounting
MGMT 20100 Management Accounting I
MGMT 30400 Introduction to Financial Management
MGMT 32300 Introduction to Market Analysis
MGMT 44301 Management of Human Resources
MGMT 45500 Legal Background for Business I
MGMT 45500 Legal Background for Business I
OLS 37500 Training Methods
OLS 37600 Human Resource Issues
OLS 38600 Leadership for Organizational Change 
OLS 47700 Conflict Management
OLS 48400 Leadership Strategies for Quality and Productivity
PSY 27200 Introduction to Industrial Organizational Psychology

Effective Fall 2015

Revised 03/31/15