University Core Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>UCC Selective</th>
<th>Science, Technology &amp; Society Selective</th>
<th>TECH 12000</th>
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<tr>
<td>Human Cultures Humanities</td>
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<td>Human Cultures Behavioral/Social Science</td>
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<td>Information Literacy</td>
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<tr>
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</table>

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Effective Fall 2015  Revised 03/31/15
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>CR</th>
<th>Grade</th>
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<tr>
<td>CNIT 18000 (Intro to Systems Development) Prereq: PC Literacy</td>
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<td>CNIT 15501 (Intro to Software Development Concepts) Prereq: PC Literacy</td>
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<td>OLS 25200 (Human Relations in Organizations)</td>
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<td>CNIT 17600 (Info Tech Architectures)</td>
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<td>ENGL 10600 or ENGL 10800 or ENGL 10100* (First Year Composition or Accelerated First Year Composition or English Composition I)</td>
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<td>COM 11400 (Fund of Speech Communication)*</td>
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<td>MA 16010 (Applied Calculus II)* Prereq: ALEKS Score of 75% or MA 15400 or MA 15800 with minimum grade of C-</td>
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<td>MA 16020 (Applied Calculus II)* Prereq: MA 16010 with grade C- or better</td>
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<td>TECH 12000 (Design Thinking in Technology) * Prereq: COT Major</td>
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<td>CNIT 24200 (System Administration) Prereq: CNIT 17600 and Classification 3+</td>
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<td>CNIT 28000 (Systems Analysis &amp; Design Methods) Prereq: CNIT 18000 &amp; CNIT 27200</td>
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<td>Communications Selective*</td>
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<td>PHIL 15000 (Principles of Logic)</td>
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<td>CNIT 38000 (Advanced Analysis &amp; Design) Prereq: CNIT 25500 or 25501 Programming Selective</td>
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<td>SAD Selective 5</td>
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<td>Global and Professional Issues Selective*</td>
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<td>CNIT 48000 (Managing Info Tech Projects) Prereq: CNIT 28000 &amp; SR STANDING</td>
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<td>TOTAL CREDIT HOURS</td>
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*Fulfills University Core

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 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.

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SEE REVERSE FOR CIT SUPPLEMENTAL INFORMATION

Updated 03/31/15
CIT SUPPLEMENTAL INFORMATION for SYSTEMS ANALYSIS AND DESIGN 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

COM 31800 Principles of Persuasion
COM 32000 Small Group Communication
COM 32400 Introduction to Organizational Communication

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

4 SCIENCE SELECTIVE & LAB 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 11100 Fundamentals of Biology II*
BIOL 13500 First Year Biology Laboratory*
BIOL 14501 First Year Biology Laboratory with Neuro
BIOL 14502 First Year Biology Laboratory with Micro
Research Project*
Research Project*
BIOL 14600 Introduction to Biology*
BIOL 20300 Human Anatomy and Physiology*
BIOL 20400 Human Anatomy and Physiology*
BIOL 20500 Biology for Elementary Teachers*
BIOL 20600 Biology for Elementary Teachers*
BTNY 11000 Introduction to Plant Science*
CHM 11500 General Chemistry*
CHM 11600 General Chemistry*
CHM 12500 Introduction to Chemistry I*
CHM 12600 Introduction to Chemistry II*
CHM 13600 General Chemistry Honors*
CHM 20000 Fundamentals of Chemistry*
CHM 12901 General Chemistry with Biological Focus*

5 ACCOUNTING SELECTIVE
MGMT 20000 Introductory Accounting (Required for MGMT Minor)
MGMT 20010 Business Accounting

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

7 CIT-SAD SELECTIVE OPTIONS (6 CREDITS):
CNIT 38301 Packaged Application Software Solutions
CNIT 38501 Advanced Systems Design & Integration
CNIT 40500 Software Development Methodologies

8 Professional 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

9 Interdisciplinary Selectives (14 credits)
Any University recognized non-computing minor with at least 14 credits or an approved set of related courses in which Information Technology can be applied.
http://www.admissions.purdue.edu/majors/minors.php

10 INFORMATION SYSTEMS SELECTIVES (6 credits)
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

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

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

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

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

Effective Fall 2015

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