PURDUE UNIVERSITY

Kokomo Department of Computer and Information Technology (CIT)
PICIT-BS CNIT Computer & Information Technology Major
Effective Fall 2020

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) with minimum grade of C-		3			**CNIT 15501 (Intro to Software Development Concepts)** with minimum grade of C-		3		
Composition Selective*1		3			**CNIT 17600 (Info Tech Architectures)** with minimum grade of C-		3		
Business Selective9^		3			Oral Communications Selective*2^		3		
MA 16010 (Applied Calculus I)* Pre-req: ALEKS Score of 75%, SATR Math 620, SAT Math 600, ACT Math 26 or MA 15400 or MA 15800 with minimum grade of C-		3			MA 16020 (Applied Calculus II)* Pre-req: MA 16010 with minimum grade of C-		3		
TECH 12000 (Design Thinking in Technology)*^		3			TLI11200 (Foundations of Org Leadership)		3		
TOTAL CREDIT HOURS		15			**TOTAL CREDIT HOURS**		15		

THIRD SEMESTER	SUB/EQ	CR	GR	SEM	FOURTH SEMESTER	SUB/EQ	CR	GR	SEM
CNIT 27200 (Database Fundamentals) with minimum grade of C- **Pre-req: CNIT 15500 or 15501 & CNIT 18000 & Co-Rec CNIT 28000**		3			**CNIT 25501 (Object-Oriented Programming-Introduction)** with minimum grade of C- **Prereq: CNIT 15500 or 15501**		3		
CNIT 28000 (Sys Analysis & Design Methods) with minimum grade of C- **Pre-req: CNIT 18000 & Co-Rec CNIT 27200**		3			CNIT 27000 (Cybersecurity Fundamentals) Pre-req: CNIT 15501 & 17600		3		
Communications Selective5^		3			CNIT 24200 (System Administration) Pre-req: CNIT 17600 and Classification 3+		3		
Economics Selective4		3			Statistics Selective7^		3		
Science Selective*13		3			Lab Science Selective*14		3		
TOTAL CREDIT HOURS		15			**TOTAL CREDIT HOURS**		15		

FIFTH SEMESTER	SUB/EQ	CR	GR	SEM	SIXTH SEMESTER	SUB/EQ	CR	GR	SEM
Programming Selective (CNIT 31500 or CNIT 32500) Pre-req: CNIT 25500 or 25501		3			CNIT 37200 (Database Programming) Pre-req: CNIT 27200 or CNIT 39200 Pre-req: CNIT 27200 Enterprise Data Management		3		
Information Technology Selective12		3			CNIT 32000 (Policy, Regulation, and Globalization in IT) Pre-req: TECH 12000		3		
Accounting Selective3		3			Information Technology Selective12		3		
Professional Speaking Selective6^		3			Professional Writing Selective8^		3		
Interdisciplinary Selective15		3			Interdisciplinary Selective15		3		
TOTAL CREDIT HOURS		15			**TOTAL CREDIT HOURS**		15		

SEVENTH SEMESTER	SUB/EQ	CR	GR	SEM	EIGHTH SEMESTER	SUB/EQ	CR	GR	SEM
Behavioral/Social Sciences Foundational Selective*11		3			CNIT 48000 (Managing Info Tech Projects) Pre-req: CNIT 28000 & SR STANDING		3		
Interdisciplinary Selective15		3			Information Technology Selective12		3		
Information Technology Selective12		3			Interdisciplinary Selective15		3		
Information Technology Selective12		3			Interdisciplinary Selective15		3		
Free Elective		3			Humanities Foundational Selective*10		3		
TOTAL CREDIT HOURS		15			**TOTAL CREDIT HOURS**		15		

CO-CURRICULAR REQUIREMENTS									
Professional IT Experience Requirement17		0							

*Fulfills University Core   **^Critical Course**   **120 Total**

1) Students must earn a C- or better in all CNIT courses that are a prerequisite to another CNIT course
2) 120 semester credits listed above are required for the 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) ANY COURSE TAKEN AT PURDUE CAN BE ATTEMPTED NO MORE THAN THREE TIMES (INCLUSIVE OF W, WF, WN, I, and IF)
6) Courses in BOLD are essential for the CIT degree critical path to graduation
7) A single course may not fulfill multiple requirements within the CIT BS degree

The student is ultimately responsible for knowing and completing all degree requirements
myPurdue Plan is the knowledge source for all specific degree requirements

SEE REVERSE FOR CIT SUPPLEMENTAL INFORMATION

[1]**COMPOSITION SELECTIVE**
SCLA 10100 Transformative Texts, Critical Thinking & Communication I
[2]**ORAL COMMUNICATIONS SELECTIVE**
SCLA 10200 Transformative Texts, Critical Thinking & Communication II

[3]**ACCOUNTING SELECTIVE**
MGMT 20000 Introductory Accounting (Required for MGMT Minor)
MGMT 21200 Business Accounting

[4]**ECONOMICS SELECTIVE**
AGEC 21700 Economics **or** ECON 21000 Principles of Economics **(credit in only one)**
ECON 25100 Microeconomics
ECON 25200 Macroeconomics

[5]**COMMUNICATIONS SELECTIVE**
COM 25100 Communication, Information, and Society
COM 22400 Communicating in the Global Workplace

[6]**PROFESSIONAL SPEAKING SELECTIVE**
COM 31500 Speech Communication of Technical Information
COM 41500 Discussion of Technical Problems

[7]**STATISTICS SELECTIVE**
STAT 22500 Introduction to Probability Models
STAT 30100 Elementary Statistical Methods
STAT 50100 Experimental Statistics I
STAT 51100 Statistical Methods

[8]**PROFESSIONAL WRITING SELECTIVE**
ENGL 41900 Multimedia Writing
ENGL 42000 Business Writing
ENGL 42100 Technical Writing

[9]**BUSINESS SELECTIVE**
TLI 11100 Introduction to Manufacturing and Supply Chain Systems
TLI 15200 Business Principles for Organizational Leadership

[10]**HUMANITIES FOUNDATIONAL SELECTIVE:** see ***http://www.purdue.edu/provost/initiatives/curriculum/course.html*** **(Human Cultures: Humanities (HUM))**

[11]**BEHAVIORAL/SOCIAL SCIENCES FOUNDATIONAL SELECTIVE: see** ***http://www.purdue.edu/provost/initiatives/curriculum/course.html*** *(***Human Cultures: Behavioral/Social Sciences (BSS))**

[12]**INFORMATION TECHNOLOGY SELECTIVE (15 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
At least nine credits must be CNIT courses   ==don't include EPICS in myPurduePlan or they all map==

[13]**SCIENCE SELECTIVE** See approved list at: ***http://www.purdue.edu/provost/initiatives/curriculum/course.html*** **(Science (SCI))**

[14]**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*** **(Science (SCI))**
- *Verify the course has a lab component in myPurdue Schedule of Classes.*

[15]**Interdisciplinary Selectives (15 credits)**
- *Any University recognized non-computing minor with at least 15 credits or a department approved set of related courses in which Information Technology can be applied*
  Note: CGT, CNIT, CS, and ECE are considered computing minors and are **not** *available as interdisciplinary selectives*
  See: http://catalog.purdue.edu/content.php?catoid=10&navoid=13436

  Note: If some minor courses fulfill other departmental requirements, additional courses will be required to satisfy the 15 interdisciplinary credit hours:
    - Honors (HONR) courses
    - Courses in the same area as their completed minor
    - Courses complementary to their completed minor
    - Courses that are part of a minor or a university wide certificate of 15 credits or more
    - Foreign Language courses that are a pre-requisite to a foreign language minor

[16]**FREE ELECTIVE:** Any non-remedial course: see https://polytechnic.purdue.edu/sites/default/files/files/NoCreditCourses.pdf

[17]**PROFESSIONAL IT EXPERIENCE REQUIREMENT (Complete one of the following options)**
- Professional IT internship (six-week minimum duration)
- 240 hours of IT employment
- 240 hours of documented volunteer IT work
- Service Learning Course (EPCS, CNIT 39000, or Equivalent) with responsibility for an IT component (3 credit hours minimum)
  *A three-page reflection paper on what you learned from your experience is required for all options – submit to CIT-Prof-IT@purdue.edu

==myPurduePlan Programming updates==

   ==Minimum grade programming for CNIT courses==

   ==Don't include EPCS as each project requires faculty approval; advisors will map==