

# ANDERSON CIT SUPPLEMENTAL INFORMATION for COMPUTER & INFORMATION TECHNOLOGY MAJOR

## All Prerequisites Must Be Met

### COMPOSITION SELECTIVE

SCLA 10100 Transformative Texts, Critical Thinking & Communication I  
ENGL 10600 First Year Composition

### ACCOUNTING SELECTIVE

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

### COMMUNICATIONS SELECTIVE

COM 25100 Communication, Information, and Society  
COM 22400 Communicating in the Global Workplace

### PROFESSIONAL WRITING SELECTIVE

ENGL 41900 Multimedia Writing  
ENGL 42000 Business Writing  
ENGL 42100 Technical Writing

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

HIST 15100 American History to 1877  
HIST 15200 US From 1877  
MUS 25000 Music Appreciation  
PHIL 11000 Intro to Philosophy  
PHIL 11100 Ethics

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

PSY 12000 Elementary Psychology  
SOC 10000 Intro to Sociology

### INFORMATION TECHNOLOGY SELECTIVE (15 credits)

Any non-required 30000 level or higher CNIT course; or EPICS (3 credits): participation in EPICS requires CIT faculty approval; or CGT courses 30000 level or higher  
At least nine credits must be CNIT courses

**SCIENCE SELECTIVE** See approved list at: <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

PHYS 22000 General Physics  
PHYS 22100 General Physics  
CHM 11100 General Chemistry I

### 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>

*The following courses are typically offered with a lab component:*

ASTR 26300 Descriptive Astronomy: The Solar System	CHM 11500 General Chemistry	EAPS 24400 Earth Materials II
ASTR 26400 Descriptive Astronomy: Stars and Galaxies	CHM 11600 General Chemistry	ENTM 22810 Forensic Investigation
BIOL 11000 Fundamentals of Biology I	CHM 12500 Introduction to Chemistry	ENTM 22820 Forensic Analysis
BIOL 11100 Fundamentals of Biology II	CHM 12600 Introduction to Chemistry II	HORT 10100 Fundamentals of Horticulture
BIOL 13500 First year biology lab	CHM 12901 General Chemistry with Biology focus	PHYS 17200 Modern Mechanics
BIOL 14501 First year biol lab with neuro res project	CHM 13600 General Chemistry Honors	PHYS 21500 Physics for Elementary Education
BIOL 14600 Introduction to Biology	CHM 20000 Fundamentals of chemistry	PHYS 21800 General Physics I
BIOL 20300 Human Anatomy and Physiology	EAPS 10200 Earth Science for Elementary Education	PHYS 21900 General Physics II
BIOL 20400 Human Anatomy and Physiology	EAPS 10900 The Dynamic Earth	<b>PHYS 22000 General Physics</b>
BTNY 11000 Intro to Plant Science	EAPS 11100 Physical Geology	<b>PHYS 22100 General Physics</b>
<b>CHM 11100 General Chemistry</b>	EAPS 11200 Earth Through Time	PHYS 27200 Electric and Magnetic Interactions
CHM 11200 General Chemistry	EAPS 24300 Earth Materials I	SLHS 30600 Introduction to Phonetics

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

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

### <sup>17</sup>**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
- CNIT 39000 Supervised Practicum
- Service Learning Course (EPICS, 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](mailto:CIT-Prof-IT@purdue.edu)

- **Complete one of the following options:**

- Participate in a Purdue University international capstone or collaborative project\*
- Participate in an international internship (international location)\*
- Participate in a faculty-led study abroad program\*
- Participate in a full semester abroad program\*

\* The above options require a three page reflection paper on what you learned from your experience – submit to [CIT-Global@purdue.edu](mailto:CIT-Global@purdue.edu)

- Earn three credit hours in a global culture course:

AAS 27100	Intro to African American Studies	HIST 30000	Eve of Destruction: Global Crises and World Organization in the 20th Century
AAS 37300	Variable Title: History of Injustice	HIST 33805	History of Human Rights
AGR 20100	Communication Across Cultures	HIST 35000	Science and Society in the 20th-Century World
ANSC 38100	Leadership for a Diverse workplace	HIST 36600	Hispanic Heritage of the USA
ANTH 20300	Biological Bases of Human Social Behavior	HIST 37700	History & Culture of Native America
ANTH 20500	Human cultural Diversity	HIST 46900	Black Civil Rights Movement
ANTH 21000	Technology and Culture	HIST 47900	American Representations of Middle East & North Africa
ANTH 21200	Culture, Food and Health	HIST 49900	History of Sexual Regulation in the United States
ANTH 23000	Gender Across Cultures	HTM 37000	Sustainable Tourism and Responsible Travel
ANTH 34000	Global Perspectives on Health	HTM 37200:	Global Tourism Geography
ANTH 34100	Culture and Personality	MSL 20100	Individual Leadership Studies
ANTH 37900	Native American Cultures	OLS 35000	Creativity In Business & Industry
ARAB 28000	Arabic culture	PHIL 11400	Global Moral Issues
ASAM 24000	Intro to Asian American Studies	PHIL 43500	Philosophy of Mind
AT 23300	Ethics and Aviation	POL 22200	Women, Politics & Public Policy
COM 22400	Communicating in the Global Workplace	POL 23500	Rich and Poor Nations
COM 30300	Intercultural Communication	POL 32600	Black Political Participation in America
<b>COM 32000</b>	<b>Small Group Communication</b>	POL 32700	Global Green Politics
COM 37300	Self-Presentation & Social Image	POL 36000	Women and the Law
COM 38000	Sociolinguistic Study of African American English	POL 41300	The Human Basis of Politics
COM 38000	Sociolinguistic Study of African American English	POL 42300	International Environmental Policy
COM 41200	Theories of Human interaction	POL 42900	Variable Title: It's a Complex World (Cross listed with IE49000, ME29700)
COM 42300	Leadership, Communication & Organizations	POL 43300	International Organization
ECET 29000	International Experience	PSY 25000	Psychology of Adjustment
<b>ECET 38001</b>	<b>Global Professional Issues in ET</b>	PSY 25100	Health Psychology
EDPS 23500	Learning and Motivation	PSY 28500	Consumer Behavior
EDPS 30000	Student Leadership Development	PSY 32200	Research Design
EDPS 30100	Peer Counselling Training	<b>SOC 10000</b>	<b>Intro to Sociology</b>
EDPS 31500	Collaborative Leadership: Listening	SOC 31000	Racial and Ethnic Diversity
EDPS 31600	Collaborative Leadership: Cross-cultural Settings	SOC 33900	Introduction to Sociology of Developing Nations
EDPS 31700	Collaborative Leadership: Mentoring	<b>Tech 33000</b>	<b>Technology and the Global Society</b>
ENGL 41400	Literature & Culture	WGSS 28200	Intro to LGBT Studies
HDFS 23300	Stress and Human Health	WGSS 38000	Gender and Multiculturalism
HDFS 28000	Diversity in Individual and Family Life	WGSS 38300	Women and Work
HDFS 33200	Stress & Coping in Contemporary Families		
HEBR 38500	The Holocaust in Modern Hebrew Literature		
HIST 19500	Historical Research & Film!		

Any foreign language 200 or higher (201, 202, 301, 302, 401, 402)

Classes in bold offered at Anderson.

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		
TLI11200 (Foundations of Org Leadership)		3			CNIT 17600 (Info Tech Architectures)		3		
Composition Selective*		3			Oral Communications Selective*		3		
MA 16010 (Applied Calculus I)* Pre-req: ALEKS Score of 75% 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) *Pre-req: Polytechnic Major		3			Business Selective		3		
<b>TOTAL CREDIT HOURS</b>		<b>15</b>			<b>TOTAL CREDIT HOURS</b>		<b>15</b>		

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

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 Selective		3			CNIT 32000 (Policy, Regulation, and Globalization in IT) Pre-req: TECH 12000		3		
Accounting Selective		3			Information Technology Selective		3		
Professional Speaking Selective		3			Professional Writing Selective		3		
Interdisciplinary Selective		3			Interdisciplinary Selective		3		
<b>TOTAL CREDIT HOURS</b>		<b>15</b>			<b>TOTAL CREDIT HOURS</b>		<b>15</b>		

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

CO-CURRICULAR REQUIREMENTS									
Professional IT Experience Requirement <sup>17</sup>		0			Globalization Requirement <sup>18</sup>		0		

\*Fulfills University Core

**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 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) 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

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

SEE REVERSE FOR CIT SUPPLEMENTAL INFORMATION