

# ASSOCIATE of SCIENCE in COMPUTER SCIENCE

For students who entered the College of Liberal Arts & Sciences starting Fall 2005 to Summer 2007  
Total Credits Required: 61

NAME:	ID#:	DATE:
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Course No.	Title	Credit	Grade	Semester	Notes:
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**FUNDAMENTAL LITERACIES: (10 credits)**

A	ENG-W 131	English Composition	(3 cr.)		A grade of C or better is required.
B		Critical Thinking	(3 cr.)		e.g., PHIL- P 105, P 110, P 150, P250
C	COAS Q110	Information Literacy	(1 cr.)		Should be taken with ENG W131
D	SPCH-S 121	Oral Communication	(3 cr.)		SPCH-S 121

**COMMON CORE (6 Credits) Any two from the following options.**

A		The Natural World	(3 cr.)		N190 or N390 (BIOL, CHEM, GEOL, PHYS, etc.)
B		Human Behavior & Social Institutions	(3 cr.)		B190 or B399 (POLS, PSY, SOC, etc.)
C		Literary and Intellectual Traditions	(3 cr.)		T190 or T390 (CMLT, ENG, FINA, HIST, PHIL, etc.)
D		Art, Aesthetics and Creativity	(3 cr.)		A190 or A399 (FINA, MUS, THTR, etc.)

**CONTEMPORARY SOCIAL VALUES (3 Credits)**

A		Diversity in U.S. Society	(3 cr.)		(e.g., SOC S161, HIST-H105 or H106)
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**For additional GEN-ED courses please see: [www.iusb.edu/~lasi/campusgened.xls](http://www.iusb.edu/~lasi/campusgened.xls)**

**LANGUAGE Studies (6 Credits)**

			(3 cr.)		
			(3 cr.)		Two semesters in a single non-English language, or equivalent.

**PHYSICAL & LIFE SCIENCES (8 Credits)**

PHYS P303	Digital Electronics		(4 cr.)		Includes a laboratory component. (Recommended)
			(4 cr.)		Electives chosen from astronomy, biology, chemistry, geology, and physics. .

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**MATHEMATICS (3 Credits)** (A grade of C or better is required)

MATH M208	Calculus I	(3 cr.)			or M215 (5cr.) Grade of C or better
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**COMPUTER SCIENCE (20 Credits)** (A grade of C or better is required)

C101	Computer Programming I	(4 cr.)			Prereq: MATH A100 or Placement Exam Level III. Test out is available.
C151	Multiuser Operating Systems	(2 cr.)			Prereq: C101, Test out is available.
C201	Computer Programming II	(4 cr.)			Prereq: C101
C243	Elementary Data Structures	(4 cr.)			Prereq: C151, C201
		(3 cr.)			Two additional computer science courses above the level of C243
		(3 cr.)			

**GENERAL ELECTIVES (approximately 3 Credits)**


For further information, please contact: Department of Computer and Information Sciences, Northside 301A, 520-5521. **Please visit us on the World Wide Web at [www.cs.iusb.edu](http://www.cs.iusb.edu)**

*Any student who intends to major in computer science should contact the chairperson of the Department of Computer and Information Sciences as soon as possible.*

*Please refer to: IU South Bend Bulletin.*