

ASSOCIATE of SCIENCE in COMPUTER SCIENCE

College of Liberal Arts & Sciences

For students who entered the program starting Fall 2005

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
C	COAS Q110	Information Literacy	(1 cr.)		Should be taken with ENG W131
D		Oral Communication	(3 cr.)		e.g., SPCH-S 121, S 223, S 324

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

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

CONTEMPORARY SOCIAL VALUES (3 Credits)

A		Diversity in U.S. Society	(3 cr.)		(e.g., SOC S161, ENG L379, PSY P391)
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For additional GEN-ED courses please see: www.iusb.edu/~lasi/campusgened.xls

LANGUAGE Studies (6 Credits)

			(3 cr.)		Two semesters in a single language, or equivalent. (Chosen from Japanese, French, German, Chinese, Spanish)
			(3 cr.)		

PHYSICAL & LIFE SCIENCES (8 Credits) Courses in at least two different sciences must be taken.

PHYS P303	Digital Electronics		(4 cr.)		Includes a laboratory component. (Recommended)
			(4 cr.)		Electives chosen from astronomy, biology, chemistry, geology, and physics. Courses in at least two different sciences must be taken.

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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 M014 or Placement Exam Level II. Test out is available.
C151	Multiuser Operating Systems	(2 cr.)			Prereq: C101
C201	Computer Programming II	(4 cr.)			Prereq: C101
C243	Elementary Data Structures	(4 cr.)			Prereq: C151, C201
		(3 cr.)			Two additional computer science courses at C201 level or above. Consult your advisor.
		(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**

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](#).