



**Department of Computer Science**

**COMPUTER SCIENCE REQUIREMENTS –  
BACHELOR OF ARTS IN INFORMATION SYSTEMS TECHNOLOGY**

MATH COURSE REQUIREMENTS

WSU Courses	WSU CR	OCC Courses	OCC CR	Combined CR
MAT 2010 Calculus I	4	MAT 1730 Calculus I	4	4
MAT 2210 Probabilities and Statistics	4	must be taken at WSU		4
<b>NUMBER OF CREDIT HOURS</b>	<b>8</b>		<b>4</b>	<b>8</b>

COMPUTER SCIENCE COURSE REQUIREMENTS

WSU Courses	WSU CR	OCC Courses	OCC CR	Combined CR
CSC 1100 and CSC 1101 Problem Solving and Programming (Lecture and Lab)	4	CIS 1500 Introduction to Software Engineering (Java)	4	4
CSC 1500 and CSC 1501 Fundamental Structures in Computer Science (Lecture and Lab)	4	must be taken at WSU		4
CSC 2110 and CSC 2111 Computer Science I (Lecture and Lab)	4	CIS 2252 Object-Oriented Programming (C++)	4	4
CSC 2200 and CSC 2201 Computer Science II (Lecture and Lab)	4	must be taken at WSU		4
CSC 3100 and CSC 3101 Computer Architecture and Organization (Lecture and Lab)	4	must be taken at WSU		4
CSC 3750 Introduction to Web Technology	3	CIS 1400 and CSC 2454 Introduction to Web Systems & Web System Development (ASP)	8	8
CSC 4110 and CSC 4111 Introduction to Software Engineering (Lecture and Lab)	4	must be taken at WSU		4
CSC 4420 and CSC 4221 Operating Systems (Lecture and Lab)	4	must be taken at WSU		4
CSC 4996 and CSC 4997 Senior Project and Computer Ethics (Lecture and Lab)	4	must be taken at WSU		4
CSC 4710 Information Systems Design OR ISM 5992 Database Systems	3	CIS 2515 Database Design and Management	4	4
CSC 5750 Principles of Web Technology	3	must be taken at WSU		3
<b>NUMBER OF CREDIT HOURS</b>	<b>41</b>		<b>20</b>	<b>47</b>

BUSINESS COURSE REQUIREMENTS

WSU Courses	WSU CR	OCC Courses	OCC CR	Combined CR
ECO 2020 Principles of Macroeconomics	3	ECO 2610 Economics I	3	3
ACC 3010 Elementary Financial Accounting Theory	3	ACC 1810 Principles of Financial Accounting	4	4
FIN 3290 Business Finance	3	must be taken at WSU		3
MGT 2530 Structure and Behavior in Organization	3	must be taken at WSU		3
MKT 2300 Marketing Management	3	MKT 2520 Fundamentals of Marketing Theory and Practice	3	3
<b>NUMBER OF CREDIT HOURS</b>	<b>15</b>		<b>10</b>	<b>16</b>

BUSINESS COURSE PREREQUISITES

WSU Courses	WSU CR	OCC Courses	OCC CR	Combined CR
ECO 2010 Principles of Microeconomics	3	ECO 2620 Economics II	3	3
<b>NUMBER OF CREDIT HOURS</b>	<b>3</b>		<b>3</b>	<b>3</b>

Minimum CSC GPA: 2.0.

**Minimum grade of "C" is required in CIS 1500, 2252, CSC 1100, 1101, CSC 1500, 1501, 2110, 2111, 2200 and 2201.**

Minimum CSC credit earned at WSU is	<b>26</b>	<b>credit hours.</b>
Total CSC credit for a BAIST in Computer Science is	<b>41</b>	<b>credit hours.</b>
Total credits for a BAIST in Computer Science, including math and business credits, is	<b>64</b>	<b>credit hours.</b>
Total number of OCC credits that will apply toward a WSU degree	<b>64</b>	<b>credit hours.</b>

**ALL COMPUTER SCIENCE STUDENTS ARE REQUIRED TO SEE THEIR ADVISER ONCE A YEAR.**