

**Asociado con concentración en  
Sistemas de Información Computarizada  
Requisitos Académicos**

<b>REQUERIMIENTOS</b>	<b>CRÉDITO HORAS</b>
<b>Educación General Requerimientos</b>	<b>20</b>
ENG 160 Composition I	(4)
ENG 162 Composition II	(4)
MAT 225 Introductory Statistics	(4)
SPA 222 The Hispanic-American Experience Through Literature	(4)
HIS 104 Survey of U.S. History to 1865 OR HIS 105 Survey of U.S. History from 1865 to Present OR PSC 103 American Government and Politics	(4)
<b>Requerimientos de la Especialidad</b>	<b>12</b>
CIS 110 Introduction to Object Oriented Programming	(4)
CIS 270 Management Information Systems	(4)
CIS 290 Database Management Concepts	(4)
<b>Requerimientos de la Concentración</b>	
<b><u>Option I: Application Programmer</u></b>	<b>16</b>
CIS 210 Object Oriented Programming II	(4)
CIS 212 Visual Basic Programming	(4)
CIS 250 Web Design and Programming	(4)
CIS 255 Server-Side Web Development	(4)
<b><u>Option II: Systems Support</u></b>	<b>16</b>
CIS 130 Microcomputer Hardware System	(4)
CIS 216 Operating Systems	(4)
CIS 217 Network Concepts	(4)
CIS 228 Network Security	(4)
<b>Electivos Recomendados</b>	<b>12</b>
Any CIS 200 Level Course	(4/8/12)
CIS 102 Introduction to CIS	(4)

BUS 110 Introduction to Business	(4)
<b>TOTAL CRÉDITO HORAS/CURSOS</b>	<b>60</b>