

**SOUTHEAST NEW MEXICO COLLEGE (2025-2026)**  
**ASSOCIATE OF APPLIED SCIENCE IN COMPUTER & INFORMATION TECHNOLOGY (PROGRAMMING)**  
**EASTERN NEW MEXICO UNIVERSITY - PORTALES (2025-2027)**  
**BACHELOR OF APPLIED ARTS AND SCIENCE IN INFORMATION SYSTEMS & PROGRAMMING DESIGN**

<b>Associate of Applied Science in Computer &amp; Info Technology (Programming) at SENMC (60-64 Minimum Credit Hours)</b>							
Subject	No.	Title	Hours	Subject	No.	Title	Hours
BCIS	1110	Intro to Info Sys -OR- ET 120 Comput. Software	3	OECS	128	Operating Systems Linux/Unix	3
MATH	1215	Intermediate Algebra	3	Select 3 credits from: ET 283, OECS 185 -OR- 227			3
OECS	220	Database Application & Design	3	OECS	207	Windows	3
Select one of:	ACCT 2120, BCIS 1110, BFIN 2110, BUSA 110, ET 120, MGMT 2110 -OR- MKTG 2110		3	Select 3-4 credits from: OECS 290, 255, 261, ET 153 -OR- 155			3 to 4
One programming-related course			3	Select 15 credits from: ET 253, 283, OECS 192, 195, 235 -OR- 245			15
				New Mexico General Education Requirement:			15 to 18

<b>Courses That Can Be Completed at Either Institution</b>				
	Subject	No.	Title	Hours
These required courses may be completed at either SENMC (recommended) or at ENMU-Portales. A grade of C or better is necessary for these courses.	MATH	1220	College Algebra	3
	CSCI	1210	Computer Programming Fundamentals	4
Students must complete the General Education requirement (31-33 hours per New Mexico State Code) for award of any bachelor degree in New Mexico. Recommend that students complete the AA/AS GenEd requirements at SENMC.	CSCI	2310	Discrete Mathematics for CS	3
	CSCI	2210	Object-oriented Programming	4

<b>Bachelor of Applied Arts and Science in InfoSys &amp; Programming Design at ENMU-Portales</b>							
Subject	No.	Title	Hours	Subject	No.	Title	Hours
Diversity/Global Upper-Division Course Requirement			3	CSCI	357	Data Structure	3
BCIS	301	Information Systems for Managers	3	Select TWO of: BCIS 343/420/430/ 435/440/460 -OR- CSCI 451			6
BCIS	315	Electronic Business Strategy, Arch & Design	3	Electives to meet BAAS requirements *			Var.
BCIS	316	Information Systems Security & Ethics	3				

<b>Minimum GPA Requirement</b>	<b>2.0</b>	<b>SENMC AAS in Computer &amp; Info Tech (Programming)</b>	<b>60 - 64</b>
<b>Minimum hours of Upper-Division Courses for BAAS Degree</b>	<b>min. 18 *</b>	<b>General Education Requirement Complete</b>	<b>15-16 *</b>
<b>Minimum hours taken from ENMU-Portales (final 30 of 60)</b>	<b>30 *</b>	<b>ENMU-Portales BAAS in InfoSys &amp; Programming Design</b>	<b>Var.</b>
<b>Minimum hours for BAAS (Transferred + ENMU-Portales)</b>	<b>120 *</b>	<b>Electives if needed to meet Degree requirements</b>	<b>Var.</b>

\* BAAS Degree Requirements

**Total: Minimum 120 Hours**