



**ENMU-RUIDOSO (2024-2025)**  
**ASSOCIATE OF APPLIED SCIENCE IN INFORMATION SYSTEMS**  
**ENMU-PORTALES (2023-2025)**  
**BACHELOR OF APPLIED ARTS AND SCIENCE**  
**IN INFORMATION SYSTEMS AND PROGRAM DESIGN**

Associate of Applied Science in Information Systems at ENMU-Ruidoso (67 credit hours)							
Subject	No.	Title	Hours	Subject	No.	Title	Hours
ENGL	1110	English Composition	3	IS	160	Overview of Operating Systems & Utilities	3
FYEX	1110	First-Year Seminar	3	IS	170	Systems Analysis & Design	3
MATH	1216	Preparatory Algebra	4	IS	241	Introduction to Web Design	3
COMM	2120	Interpersonal Communication	3	IS	270	Data & Information Management	3
CS	123/L	Programming Fundamentals/L	4	IS	287	Application Development	3
CS	234	Intermediate Programming	3	IS	299	Capstone	1
ENGL	2210	Professional & Technical Communication	3	MGMT	2110	Principles of Management	3
BCIS	1115	Introduction to Computers	3	MATH	1220	College Algebra	4
BCIS	2310	Spreadsheets & Data Analysis	3	MATH	1350	Introduction to Statistics	4
IS	153	Introduction to Information Systems	3	New Mexico General Education requirement (31-33 hours for BAAS)			15-17

Courses That Can Be Completed at Either Institution	
These required courses may be completed at either ENMU-Ruidoso (recommended) or at ENMU-Portales. A grade of C or better is necessary for these courses.	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 AA/AS GenEd requirements at ENMU-U.

Bachelor of Applied Arts and Science in Information Systems & Programming Design at ENMU-Portales							
Subject	No.	Title	Hours	Subject	No.	Title	Hours
BCIS	301	Information Systems for Managers	3	CS	234	Computer Science II	4
BCIS	315	Electronic Business Strategy, Arch & Design	3	CS	357	Data Structure	3
BCIS	316	Information Systems Security & Ethics	3	* * *	Select TWO Courses: BCIS 343, 420, 430, 435, 440, 460 -OR- CS 451		6
CS	123	Computer Science I	4	Electives to meet BAAS requirements *			Var.
CS	220	Discrete Mathematics for CS	3				

<b>Minimum GPA Requirement</b>	<b>2.0</b>	<b>Minimum hours for ENMU-Ruidoso AAS in Information Systems</b>	<b>67</b>
<b>Minimum hours of New Mexico General Education</b>	<b>31-33 *</b>	<b>Minimum hours taken from ENMU-Portales (final 30 of 60)</b>	<b>30 *</b>
<b>Minimum hours of Upper-Division Courses</b>	<b>18 *</b>	<b>Minimum hours for BAAS (Transferred + ENMU-Portales)</b>	<b>120</b>
<b>* BAAS Degree Requirements</b>			