

Three-Year B.A.S. in Intelligent and Trustworthy Digital Systems

Program Admissions Requirements

There are no program admission requirements for the Three-Year B.A.S. in Intelligent and Trustworthy Digital Systems.

General Education

The listing below includes program requirements that also fulfill General Education requirements.

Code	Title	Credits
Objective 1		6
Objective 2		3
Objective 3		3
Objective 4		6
Objective 5		7
Objective 6		6
Students must fulfill Objective 7 or Objective 8		3
Objective 7		
Objective 8		
Objective 9		3
Total Credits		37

Major Requirements

Code	Title	Credits
ITS 1105	Computer Hardware	1
ITS 1120	Command Line Interfaces I	3
ITS 1135	Desktop Operating Systems	3
ITS 1150	Networking I	4
ITS 2275	Network Operating Systems I	4
ITS 2215	Networking II	4
ITS 3318	Command Line Interfaces II	3
ITS 3320	Networking III	4
ITS 3325	Virtualization and Cloud Computing	3
ITS 3335	Network Operating Systems II	4
ITS 3365	Cybersecurity	3
ITS 3380	Network Operating Systems III	4
AAI 4410	Fundamentals of Applied AI Systems	3
AAI 4420	Secure and Trustworthy AI Systems	3
AAI 4450	Capstone in Applied AI Systems	3
CYBR/INFO - Choose 6 credits from the electives below.		6
Total Credits		55

Code	Title	Credits
Upper Division Electives (Choose 6 credits from the following)		
CYBR 3384	Risk Management for Cyber-Physical Systems	3
CYBR 4410	Professional Foundations in Cybersecurity	3

CYBR 4486	Network Security for Industrial Environments	3
INFO 4150	Information Systems and Controls	3
INFO 4380	Networking and Cybersecurity	3
INFO 4480	Systems Administration and Cloud Computing	3

Degree Totals

Code	Title	Credits
	Program Admission Requirements	
	General Education	37
	Major Requirements (Required General Education credits removed)	55
	Upper Division Free Electives	
	Free Electives	
Total Credits		92