BAS in Applied Computing

Study plan for students admitted to U of A beginning Spring 2022 and beyond. Course codes, names, equivalencies, unit amounts and terms are subject to change.

Year One

Term One		Units
KEISER	**ENC1101**: English Composition I	3
SU	**GMAT1313**: Calculus I	3
	GBUS1301: Introduction to Business	3
	Exploring Perspectives: Humanist (Select One)	3
	Exploring Perspectives: Social Scientist (Select One)	3
	Total Units	15

Term Two		Units
KEISER	**ENC2102:** English Composition II	3
SU	**COMP1401:** Calculus I	3
	Exploring Perspectives: Natural Scientist (Select One)	3
	Exploring Perspectives: Artist (Select One)	3
	Building Connections 1 (Select One)	3
	Building Connections 2 (Select One)	3
	Total Units	18

Year Two

Term Three		Units
U of A	**HED 102A**: Succeeding as a Global Wildcat	0.5
SU	**MTED3314**: Discrete Mathematics	3
	COMP2424: Data Structures & Algorithms	4
	INFS2301: Principles of Information Systems	3
	COMP2303: Digital Systems	3
	BUSI1301: Basic Economic Issues	3
	GMAT2309: Linear Algebra	3
	Total Units	19.5

Term Four		Units
U of A	**HED 102B**: Succeeding as a Global Wildcat	0.5
SU	**COMP1402**: Object Oriented Prog	4
	INFS2303: Enterprise Architecture	3
	INFS2318: Technopreneurship	3
	IENG3310: Technical Writing	3
	INFS2329: Fundamentals of Database Management Systems (DBMS)	3
	INFS2330: Economic Analysis of Information Systems	3
	Total Units	19.5

Year Three

Term Five		Units
U of A	**CYBV 326**: Intro to Methods of Network Analysis	3
	CYBV 329: Cyber Ethics	3
SU	**COMP3311**: Software Engineering	3
	GHUM1207: Kewarganegaraan	2
	IENG3306: Intro to Eng Probability & Statistics	3
	NFS3331: Management Information Systems	3
	INSF3332: Information Project Management	3
	Total Units	20

Term Six		Units
U of A	**APCV 310**: Introduction to Applied Computing	3
	APCV 320: Computational Thinking & Doing	3
SU	**COMP3314**: Principles of Information Security	3
	INFS3307: e-Commerce	3
	INFS3304: Informations Systems Audit	3
	GHUM1208: Indonesian Language	2
	Building Connections 3 (Select One)	3
	Total Units	20

Summer		Units
SU	**STEM4301**: Internship for IS	3
	Total Units	3

Year Four

Term Seven		Units
U of A	**APCV 361**: Data Analysis & Visualization	3
	NETV 379: Cloud Computing	3
SU	**IENG4319**: Human Side Organization	3
	INFS4305: System Integration	3
	STEM4302: FYP I	3
	Total Units	15

Term Eight		Units
U of A	**APCV 403**: Principles of Web Design	3
	CSCV 337: Web Programming	3
	CSCV 460: Database Design	3
	APCV 498: Senior Capstone	3
	Total Units	12