BSBA, Computer Information Systems, 310A
Appalachian State University
College of Business
Department of Computer Information Systems
Program of Study
2017-2018

Universal General Education Transfer Component (UGETC)

	SCH): Complete BOTH English courses						
Prefix	Course Name	Credit Hours	Pre-requisites	University Course Equivalent	Credit Hours	Required or Preferred by Major	Notes
IG 111	Expository Writing	3	None	RC 1000	3	Required	
G 112	Argument-Based Research	3	ENG 111	RC 2001	3	Required	
al Credit Hours Req	uired	6			6		•
manities/Fine Arts (9 SCH): Select 3 classes from at least two different disciplines						
Prefix	Course Name	Credit Hours	Pre-requisites	University Course Equivalent	Credit Hours	Required or Preferred by Major	Notes
RT 111	Art Appreciation	2	None	ART 2011	3	nequired <u>or</u> received by major	110103
T 114	Art History Survey I	2	None	ART 2030	3		
T 115	Art History Survey II	3	None	ART 2130	2		
OM 231	Public Speaking	3	None	COM 2105	3		
		3			3		
IG 231	American Literature I	3	ENG 112, 113, 114	ENG 2350	3		
IG 232	American Literature II	3	ENG 112, 113, 114		3		
IG 241	British Literature I	3	ENG 112, 113, 114	ENG 2050	3		
IG 242	British Literature II	3	ENG 112, 113, 114		3		
US 110	Music Appreciation	3	None	MUS 2011	3		
US 112	Introduction to Jazz	3	None	MUS 2014	3		
II 215	Philosophical Issues	3	ENG 111	PHL Elective	3		
II 240	Introduction to Ethics	3	ENG 111	PHL 2000	3	·	
tal Credit Hours Req	uired		1		9		
-	nce (9 SCH): Select 3 classes from at least two different disciplines						
Prefix	Course Name	Credit Hours	Dro roquisitos	University Course Equivalent	Credit Hours	Required or Preferred by Major	Notes
		Creat Hours		University Course Equivalent	Creat Hours		Notes
0 251	Principles of Microeconomics	3	None	ECO 2030	3	Required	
0 252	Principles of Macroeconomics		None	ECO 2040	3	Required	
S 111	World Civilizations I		None	HIS 1101	3		
S 112	World Civilizations II		None	HIS 1102	3		
5 131	American History I		None	HIS 1200	3		
S 132	American History II	3	None	HIS 1200	3		
Y 150	General Psychology	3	None	PSY 1200	3		
DL 120	American Government	3	None	P S 1100	3		
C 210	Introduction to Sociology	3	None	SOC 1000	3		
otal Credit Hours Req	uired	9			9		
athematics (3-4 SCH)	- Solart 1 course						
Prefix						Required or Preferred by Major	
		Crodit Hours		University Course Equivalent	Crodit Hours		
	Course Name	Credit Hours		University Course Equivalent	Credit Hours	Required of Treferred by Major	Notes
	Quantitative Literacy	3	None	GEP Mat	4	_	
AT 152	Quantitative Literacy Statistical Methods I	3	None None	GEP Mat STT 2820	4	Required	Transfers as ECO 2100
AT 152 AT 171	Quantitative Literacy Statistical Methods I Precalculus Algebra	3 4 4	None None None	GEP Mat	4 4	_	
NT 152 NT 171	Quantitative Literacy Statistical Methods I Precalculus Algebra	3	None None None	GEP Mat STT 2820	4	_	Transfers as ECO 2100
AT 152 AT 171 tal Credit Hours Req	Quantitative Literacy Statistical Methods I Precalculus Algebra uired	3 4 4	None None None	GEP Mat STT 2820	4 4	_	Transfers as ECO 2100
AT 143 AT 152 AT 171 stal Credit Hours Requestural Sciences (4 SCE	Quantitative Literacy Statistical Methods I Precalculus Algebra uired	3 4 4	None None None	GEP Mat STT 2820	4 4	_	Transfers as ECO 2100
AT 152 AT 171 tal Credit Hours Req utural Sciences (4 SCI	Quantitative Literacy Statistical Methods I Precalculus Algebra uired H): Select 1 course	4 4 4	None None	GEP Mat STT 2820 MAT 1020	4 4 4	Required	Transfers as ECO 2100 Prerequisite for MAT 263
AT 152 AT 171 tal Credit Hours Req stural Sciences (4 SCI Prefix	Quantitative Literacy Statistical Methods I Precalculus Algebra uired H): Select 1 course Course Name Descriptive Astronomy I and Lab	3 4 4 4 Credit Hours	None None None Pre-requisites	GEP Mat STT 2820 MAT 1020 University Course Equivalent	4 4 4	Required	Transfers as ECO 2100 Prerequisite for MAT 263
AT 152 AT 171 tal Credit Hours Req tural Sciences (4 SCI Prefix T 111/111A T 151/151A	Quantitative Literacy Statistical Methods I Precalculus Algebra uired H): Select 1 course Course Name Descriptive Astronomy I and Lab General Astronomy I and lab I	3 4 4 4 Credit Hours 4 4	None None None Pre-requisites None None	GEP Mat	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Required	Transfers as ECO 2100 Prerequisite for MAT 263
AT 152 AT 171 tal Credit Hours Req itural Sciences (4 SCI Prefix T 111/111A T 151/151A	Quantitative Literacy Statistical Methods I Precalculus Algebra uired H): Select 1 course Course Name Descriptive Astronomy I and Lab General Astronomy I and lab I Principles of Biology	3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	None None None Pre-requisites None None None	GEP Mat STT 2820 MAT 1020 University Course Equivalent AST 1002 AST 1001 BIO 1201 & BIO 1204	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Required	Transfers as ECO 2100 Prerequisite for MAT 263
NT 152 NT 171 tal Credit Hours Req tural Sciences (4 SCI Prefix T 111/111A T 151/151A D 110	Quantitative Literacy Statistical Methods I Precalculus Algebra uired H): Select 1 course Course Name Descriptive Astronomy I and Lab General Astronomy I and lab I Principles of Biology General Biology	Credit Hours 4 4 4 4 4 4 4 4 4 4	None None None Pre-requisites None None None None None	GEP Mat STT 2820 MAT 1020 University Course Equivalent AST 1002 AST 1001 BIO 1201 & BIO 1204 BIO 1201 & BIO 1204	4 4 4 4 4 4 4 4 4	Required	Transfers as ECO 2100 Prerequisite for MAT 263
NT 152 NT 171 tal Credit Hours Req tural Sciences (4 SCH Prefix T 111/111A T 151/151A 110 D 111 M 151	Quantitative Literacy Statistical Methods I Precalculus Algebra uired H): Select 1 course Course Name Descriptive Astronomy I and Lab General Astronomy I and lab I Principles of Biology General Biology General Chemistry I	3 4 4 4 Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	None None None Pre-requisites None None None None None None	GEP Mat STT 2820 MAT 1020 University Course Equivalent AST 1002 AST 1001 BIO 1201 & BIO 1204 BIO 1201 & BIO 1204 CHE 1101 & CHE 1110	4 4 4 4 Credit Hours 4 4 4 4	Required	Transfers as ECO 2100 Prerequisite for MAT 263
NT 152 NT 171 tal Credit Hours Req tural Sciences (4 SCI Prefix T 111/111A T 151/151A 0 101 0 111 M 151	Quantitative Literacy Statistical Methods I Precalculus Algebra uired H): Select 1 course Course Name Descriptive Astronomy I and Lab General Astronomy I and lab I Principles of Biology General Biology General Chemistry I Introduction Geology	3 4 4 4 4 Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	None None None Pre-requisites None None None None None None None None	GEP Mat STT 2820 MAT 1020 University Course Equivalent AST 1002 AST 1001 BIO 1201 & BIO 1204 BIO 1201 & BIO 1204 CHE 1101 & CHE 1110 GIV 1101	Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Required	Transfers as ECO 2100 Prerequisite for MAT 263
NT 152 NT 171 Late Credit Hours Req tural Sciences (4 SCI Prefix T 111/111A T 151/151A D 110 D 111 M 151 L 111 Y 110/110A	Quantitative Literacy Statistical Methods I Precalculus Algebra uired H): Select 1 course Course Name Descriptive Astronomy I and Lab General Astronomy I and lab I Principles of Biology General Biology General Chemistry I Introduction Geology Conceptual Physics and Lab	3 4 4 4 4 Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	None None Pre-requisites None None None None None None None None	GEP Mat STT 2820 MAT 1020 University Course Equivalent AST 1002 AST 1001 BIO 1201 & BIO 1204 BIO 1201 & BIO 1204 CHE 1101 & CHE 1110	Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Required	Transfers as ECO 2100 Prerequisite for MAT 263
IT 152 IT 171 IT 152 IT 171 IT 171 IT 171 IT 151 IT 151 IT 171 IT	Quantitative Literacy Statistical Methods I Precalculus Algebra uired H): Select 1 course Course Name Descriptive Astronomy I and Lab General Astronomy I and lab I Principles of Biology General Biology General Chemistry I Introduction Geology Conceptual Physics and Lab	3 4 4 4 4 Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	None None Pre-requisites None None None None None None None None	GEP Mat STT 2820 MAT 1020 University Course Equivalent AST 1002 AST 1001 BIO 1201 & BIO 1204 BIO 1201 & BIO 1204 CHE 1101 & CHE 1110 GIV 1101	Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Required	Transfers as ECO 2100 Prerequisite for MAT 263
T 152 T 171 al Credit Hours Req ural Sciences (4 SCI Prefix 111/111A 110 111 W151 111 // 110/110A al Credit Hours Req	Quantitative Literacy Statistical Methods I Precalculus Algebra uired H): Select 1 course Course Name Descriptive Astronomy I and Lab General Astronomy I and lab I Principles of Biology General Biology General Chemistry I Introduction Geology Conceptual Physics and Lab	3 4 4 4 4 Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	None None None Pre-requisites None None None None None None None None	GEP Mat STT 2820 MAT 1020 University Course Equivalent AST 1002 AST 1001 BIO 1201 & BIO 1204 BIO 1201 & BIO 1204 CHE 1101 & CHE 1110 GIV 1101	Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Required	Transfers as ECO 2100 Prerequisite for MAT 263
T 152 T 171 A 152 T 171 A 152 T 171 A 152	Quantitative Literacy Statistical Methods I Precalculus Algebra uired H): Select 1 course Course Name Descriptive Astronomy I and Lab General Astronomy I and lab I Principles of Biology General Biology General Chemistry I Introduction Geology Conceptual Physics and Lab	3 4 4 4 4 Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	None None None Pre-requisites None None None None None None None None	GEP Mat STT 2820 MAT 1020 University Course Equivalent AST 1002 AST 1001 BIO 1201 & BIO 1204 BIO 1201 & BIO 1204 CHE 1101 & CHE 1110 GIV 1101	Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Required	Transfers as ECO 2100 Prerequisite for MAT 263
T 152 T 171 I al Credit Hours Req ural Sciences (4 SCI Prefix 111/111A 1151/151A 110 111 M 151 111 / 110/110A al Credit Hours Req	Quantitative Literacy Statistical Methods I Precalculus Algebra uired H): Select 1 course Course Name Descriptive Astronomy I and Lab General Astronomy I and lab I Principles of Biology General Biology General Chemistry I Introduction Geology Conceptual Physics and Lab	3 4 4 4 4 Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	None None None Pre-requisites None None None None None None None None	GEP Mat STT 2820 MAT 1020 University Course Equivalent AST 1002 AST 1001 BIO 1201 & BIO 1204 BIO 1201 & BIO 1204 CHE 1101 & CHE 1110 GIV 1101	Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Required	Transfers as ECO 2100 Prerequisite for MAT 263
T 152 T 171 A 152 T 171 A 152 T 171 A 152	Quantitative Literacy Statistical Methods I Precalculus Algebra uired H): Select 1 course Course Name Descriptive Astronomy I and Lab General Astronomy I and lab I Principles of Biology General Biology General Chemistry I Introduction Geology Conceptual Physics and Lab	3 4 4 4 4 Credit Hours 4 4 4 4 4 4 4 4 4 32	None None None Pre-requisites None None None None None None None None	GEP Mat STT 2820 MAT 1020 University Course Equivalent AST 1002 AST 1001 BIO 1201 & BIO 1204 BIO 1201 & BIO 1204 CHE 1101 & CHE 1110 GLY 1101 PHY 1100 Reral Education Courses (13-14 SHC)	Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 32	Required Required or Preferred by Major	Transfers as ECO 2100 Prerequisite for MAT 263
NT 152 NT 171 Late of the late	Quantitative Literacy Statistical Methods I Precalculus Algebra uired HJ: Select 1 course Course Name Descriptive Astronomy I and Lab General Astronomy I and lab I Principles of Biology General Biology General Chemistry I Introduction Geology Conceptual Physics and Lab uired Course Name	3 4 4 4 4 Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	None None None Pre-requisites None None None None None None None None	University Course Equivalent	Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Required or Preferred by Major Category	Transfers as ECO 2100 Prerequisite for MAT 263 Notes
T 152 T 171 T 121 T 171	Quantitative Literacy Statistical Methods I Precalculus Algebra uired H): Select 1 course Course Name Descriptive Astronomy I and Lab General Astronomy I and lab I Principles of Biology General Biology General Chemistry I Introduction Geology Conceptual Physics and Lab uired PUTS Course Name Principals of Financial Accounting	3 4 4 4 4 Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	None None None Pre-requisites None None None None None None None None	University Course Equivalent	Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 32	Required or Preferred by Major Category GEC	Transfers as ECO 2100 Prerequisite for MAT 263 Notes
T 152 T 171 T 152 T 171 T 152 T 171 T 152 T 151	Quantitative Literacy Statistical Methods I Precalculus Algebra uired HJ: Select 1 course Course Name Descriptive Astronomy I and Lab General Astronomy I and lab I Principles of Biology General Biology General Chemistry I Introduction Geology Conceptual Physics and Lab uired Course Name	3 4 4 4 4 Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	None None None Pre-requisites None None None None None None None None	University Course Equivalent	Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 32	Required or Preferred by Major Category GEC GEC	Transfers as ECO 2100 Prerequisite for MAT 263 Notes
NT 152 VT 171 Large Prefix T111/111A T151/1151A T100 T111/111A T151/151A T110 T111 VT 110/110A T111 VT 110/110A T111 Credit Hours Req T111/110A T111 T111 T111 T111 T111 T111 T111	Quantitative Literacy Statistical Methods I Precalculus Algebra uired H): Select 1 course Course Name Descriptive Astronomy I and Lab General Astronomy I and lab I Principles of Biology General Biology General Chemistry I Introduction Geology Conceptual Physics and Lab uired PUTS Course Name Principals of Financial Accounting	3 4 4 4 4 Credit Hours 4 4 4 4 4 4 4 4 32 Credit Hours 3 3 3 3	None None None None None None None None	University Course Equivalent	4 4 4 4 4 4 4 4 4 4	Required or Preferred by Major Category GEC GEC UGETC/GEC	Transfers as ECO 2100 Prerequisite for MAT 263 Notes
T 152 T 171 T 121 T 171	Quantitative Literacy Statistical Methods I Precalculus Algebra uired H): Select 1 course Course Name Descriptive Astronomy I and Lab General Astronomy I and lab I Principles of Biology General Biology General Chemistry I Introduction Geology Conceptual Physics and Lab uired PUTS Course Name Principals of Financial Accounting Introduction to Business	3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	None None None Pre-requisites None None None None None None None Additional Gen Pre-requisites	University Course Equivalent	4 4 4 4 4 4 4 4 4 4	Required or Preferred by Major Category GEC GEC	Transfers as ECO 2100 Prerequisite for MAT 263 Notes
T 152 T 171 T 152 T 171 al Credit Hours Req ural Sciences (4 SCI Prefix 111/111A 110 111 W151 111 V110/110A al Credit Hours Req tal UGETC Ho Prefix 120 5 120 5 110 ETC/GEC	Quantitative Literacy Statistical Methods I Precalculus Algebra uired H): Select 1 course Course Name Descriptive Astronomy I and Lab General Astronomy I and lab I Principles of Biology General Biology General Chemistry I Introduction Geology Conceptual Physics and Lab uired PUTS Course Name Principals of Financial Accounting Introduction to Business	3 4 4 4 4 Credit Hours 4 4 4 4 4 4 4 4 4 5 2 Credit Hours 3 Credit Hours 3 3 3	None None None Pre-requisites None None None None None None None Additional Gen Pre-requisites	University Course Equivalent	4 4 4 4 4 4 4 4 4 4	Required or Preferred by Major Category GEC GEC UGETC/GEC	Transfers as ECO 2100 Prerequisite for MAT 263 Notes

Other REQUIRED HOURS (15-16 SHC)							
Prefix	Course Name	Credit Hours	Pre-requisites	University Course Equivalent	Credit Hours	Category	Notes
ACA 122	College Transfer Success	1	None		1	GEC	required by CAA
MAT 263	Brief Calculus	4	MAT 171	MAT 1035	4	Pre-Major	Required for admission to COB
ACC 121	Principals of Managerial Accounting	3	ACC 120	ACC 2110	3	Pre-Major	Required for admission to COB
BUS 115	Business Law	3		LAW 2150	3	Pre-Major	Required for admission to COB
CIS 110	Introduction to Computers	3		CIS 1026	3	Pre-Major	Required for admission to COB
Pre-Major/Elective/GEC		3			3	Pre-Major/Elective/GEC	

Other Required Hours (15-16 SCH)

17

17 61

Total Semester Credit Hours in Program: 61

Notes:

- Students must pass the Basic Computer Skills Proficiency test or CIS 1026 (CIS 110). If needed, it is recommended that students take the test their first semester so CIS 1026 can be taken if the test is not passed. Courses required for admission to College of Business:
 - ACC 2100 (ACC 120); ACC 2110 (ACC 121); BUS 2000; ECO 2030 (ECO 251); ECO 2040 (ECO 252); ECO 2100; LAW 2150 (BUS 115); MAT 1030 (MAT 263

	Notes	Hours	rse	ster (
	Major	110013	2000 Professional Leadership & Career Development	
	Major	3	2050 Information Technology in the Organization	
	Major	3	2200 Business & Economic Stats II	
	Major	3	Core Course	
	Major	2	Core Course	
15	Major	3	Elective outside COB	
	Major	2	3250 Systems Analysis & Design	
	Major	2	3580 Networking & IT Infrastructures	
200	Writin	2	i 3100 or BE 3340 Business Writing	
ie .	Major	2	Core Course	
course, excluding ACC 1050, FIN 3010, MGT 3010 15		2	e Elective	
.ourse, excluding Acc 1050, 1 in 3010, incr 3010	Major	2	3680 Programming Software Solutions	
	Major	3	3750 Database Management	
		3	Core Course	
20; can include SCM 4870	Major	3	IS 3000/4000 Level Elective	
· ·	Canno	3	3000/4000 Level Elective	
20 15		3		
	Major	3	GT 4750 Strategic Management	
	Major	1	S 4000 (Capstone)	
20	Major	3	4850 Information System Project	
20		3		
		3		
course, excluding ACC 1050, FIN 3010, MGT 3010 16	Any Ct	3	ELECTIVE	
61 61 transfer hours				
IS 35: ent	Canno Major	3 3 3	S 3000/4000 Level Elective Elective 3000/4000 level Elective	

Notes:

- One course must meet the Global Issues requirement (see Program of Study for options)
- "COB Core Courses" include ENG 3100 or BE 3340, CIS 2050, ECO 2200, FIN 3680, MGT 3630, MKT 3050, and SCM 3650.
- ^Senior check is required prior to registering for MGT 4750 and BUS 4000. All COB Core Courses must be completed prior to taking MGT 4750 and BUS 4000. MGT 4750 and BUS 4000 are to be taken in the last semester.
- ^^It is recommended that CIS majors complete a CIS internship in the summer before their senior year. The CIS internship (3900) fulfill 6 hours of CUS electives....
- Business majors cannot take ACC 1050, FIN 3010 and MGT 3010 for credit towards any degree requirement.
- Business majors must earn a GPA of 2.0 in the additional COB Core Courses.
- Computer Information Systems majors must earn a minimum GPA of 2.5 in the 24 hours of computer information systems courses required above CIS 2050.
- Restrictions on 3000/4000 level business courses: Business majors can enroll in no more than five 3000/4000 level business courses prior to admission to the College of Business. Students must have 54 hours to take 3000 level business courses, and 84hours to take 4000 level business courses. A minimum grade of C in ENG 3100 or BE 3340 is required prior to taking any 4000 level business course.

Residency Requirements

- 33.5 hours must be from Appalachian
- 18 hours in the major must be from Appalachian
- 9 hours in the minor must be from Appalachian
- 50 hours must be at a four-year institution
- 50% of business courses at the major must be completed at Appalachian