University at Albany College of Arts and Sciences

Course # Course Title Suny Gen. Ed. Natural Science A.S.  CHM 111 General Chemistry I (SUNY Gen. Ed. Natural Science lab science)  EGR 105 Engineering Physics I (Mathematics/Science Core)  Engineering Physics II (Mathematics/Science Core)  ENG 101 Introduction to College Writing  MAT 131 Calculus I (Suggested SUNY Gen. Ed. Mathematics)  MAT 132 Calculus II (Mathematics/Science Core)  MAT 231 Calculus III (Mathematics/Science Core)  MAT 231 Calculus III (Mathematics/Science Core)  MAT 232 Differential Equations (Mathematics/Science Core)  SUNY Gen. Ed. American History  SUNY Gen. Ed. The Arts, Foreign Language or Humanities  SUNY Gen. Ed. Basic Communication  SUNY Gen. Ed. Basic Communication  SUNY Gen. Ed. Social Science  SUNY Gen. Ed. Western Civilization  Health and Wellness Elective  Liberal Arts Elective  Mathematics or Science Elective  Elective Credits  HRD 110 Freshmen Experience*	Credits Granted	0	Tancopriono esience Diei (esimente i	University at Albany Atmospheric Science B.S. (Combined Major/Minor)						
EGR 105 Engineering Physics I (Mathematics/Science Core) X X  EGR 106 Engineering Physics II (Mathematics/Science Core) X X X  EGR 106 Engineering Physics II (Mathematics/Science X X X X X X X X X X X X X X X X X X X		Course #	Equivalent Course Title	SUNY Gen Ed	Major or Pathway	Credits Accepted				
EGR 105 Engineering Physics I (Mathematics/Science Core) X X  Engineering Physics II (Mathematics/Science X X X  Engineering Physics II (Mathematics/Science X X X  ENG 101 Introduction to College Writing X  MAT 131 Calculus I (Suggested SUNY Gen. Ed. Mathematics) X X  MAT 32 Calculus II (Mathematics/Science Core) X X  MAT 231 Calculus III (Mathematics/Science Core) X  MAT 232 Differential Equations (Mathematics/Science Core) X  SUNY Gen. Ed. American History X  SUNY Gen. Ed. The Arts, Foreign Language or Humanities  SUNY Gen. Ed. Basic Communication X  SUNY Gen. Ed. Social Science X  SUNY Gen. Ed. Western Civilization X  Health and Wellness Elective  Liberal Arts Elective  Mathematics or Science Elective  Elective Credits	4	ACHM 120/124	General Chemistry I/Lab	Х	Х	4				
EGR 106 Core)  ENG 101 Introduction to College Writing  MAT 131 Calculus I (Suggested SUNY Gen. Ed. X X X Mathematics)  MAT 132 Calculus II (Mathematics/Science Core) X MAT 231 Calculus III (Mathematics/Science Core) X MAT 232 Differential Equations (Mathematics/Science Core) SUNY Gen. Ed. American History X SUNY Gen. Ed. The Arts, Foreign Language or Humanities SUNY Gen. Ed. Basic Communication X SUNY Gen. Ed. Social Science X SUNY Gen. Ed. Western Civilization X Health and Wellness Elective Liberal Arts Elective Mathematics or Science Elective Elective Credits	4	APHY 140/145	Physics I: Mechanics/Lab	Х	Χ	4				
MAT 131 Calculus I (Suggested SUNY Gen. Ed. Mathematics)  MAT 132 Calculus II (Mathematics/Science Core)  MAT 231 Calculus III (Mathematics/Science Core)  MAT 232 Differential Equations (Mathematics/Science Core)  SUNY Gen. Ed. American History  SUNY Gen. Ed. The Arts, Foreign Language or Humanities  SUNY Gen. Ed. Basic Communication  SUNY Gen. Ed. Social Science  SUNY Gen. Ed. Western Civilization  Health and Wellness Elective  Liberal Arts Elective  Mathematics or Science Elective  Elective Credits	4	APHY 150/155	Physics II: Electromagnetism/Lab	Х	Χ	4				
MAT 132 Mathematics)  MAT 132 Calculus II (Mathematics/Science Core)  MAT 231 Calculus III (Mathematics/Science Core)  MAT 232 Differential Equations (Mathematics/Science Core)  SUNY Gen. Ed. American History  SUNY Gen. Ed. The Arts, Foreign Language or Humanities  SUNY Gen. Ed. Basic Communication  SUNY Gen. Ed. Social Science  SUNY Gen. Ed. Western Civilization  Health and Wellness Elective  Liberal Arts Elective  Mathematics or Science Elective  Elective Credits	3	AENG 010Z	English Elective	Х		3				
MAT 231 Calculus III (Mathematics/Science Core) X  MAT 232 Differential Equations (Mathematics/Science Core) X  SUNY Gen. Ed. American History X  SUNY Gen. Ed. The Arts, Foreign Language or Humanities  SUNY Gen. Ed. Basic Communication X  SUNY Gen. Ed. Social Science X  SUNY Gen. Ed. Western Civilization X  Health and Wellness Elective  Liberal Arts Elective  Mathematics or Science Elective  Elective Credits	4	AMAT 112	Calculus I	Х	X	4				
MAT 232 Differential Equations (Mathematics/Science Core)  SUNY Gen. Ed. American History  SUNY Gen. Ed. The Arts, Foreign Language or Humanities  SUNY Gen. Ed. Basic Communication  X  SUNY Gen. Ed. Social Science  X  SUNY Gen. Ed. Western Civilization  Health and Wellness Elective  Liberal Arts Elective  Mathematics or Science Elective  Elective Credits	4	AMAT 113	Calculus II	X	Χ	4				
SUNY Gen. Ed. American History  SUNY Gen. Ed. The Arts, Foreign Language or Humanities  SUNY Gen. Ed. Basic Communication  X  SUNY Gen. Ed. Social Science  X  SUNY Gen. Ed. Western Civilization  Health and Wellness Elective Liberal Arts Elective  Mathematics or Science Elective  Elective Credits	4	AMAT 214	Calculus of Several Variables		X	4				
SUNY Gen. Ed. The Arts, Foreign Language or Humanities  SUNY Gen. Ed. Basic Communication  X  SUNY Gen. Ed. Social Science  X  SUNY Gen. Ed. Western Civilization  Health and Wellness Elective  Liberal Arts Elective  Mathematics or Science Elective  Elective Credits	4	AMAT 311	Ordinary Differential Equations		X	4				
Humanities  SUNY Gen. Ed. Basic Communication  SUNY Gen. Ed. Social Science  X  SUNY Gen. Ed. Western Civilization  Health and Wellness Elective  Liberal Arts Elective  Mathematics or Science Elective  Elective Credits	3		SUNY Gen. Ed. American History	X		3				
SUNY Gen. Ed. Social Science X SUNY Gen. Ed. Western Civilization X Health and Wellness Elective Liberal Arts Elective Mathematics or Science Elective Elective Credits	3		SUNY Gen. Ed. The Arts, Foreign Language or Humanities	Х		3				
SUNY Gen. Ed. Western Civilization X  Health and Wellness Elective  Liberal Arts Elective  Mathematics or Science Elective  Elective Credits	3		SUNY Gen. Ed. Basic Communication	X		3				
Health and Wellness Elective Liberal Arts Elective Mathematics or Science Elective Elective Credits	3		SUNY Gen. Ed. Social Science	X		3				
Liberal Arts Elective  Mathematics or Science Elective  Elective Credits	3		SUNY Gen. Ed. Western Civilization	X		3				
Mathematics or Science Elective Elective Credits	2		General Elective Credits			2				
Elective Credits	6		Liberal Arts Elective			6				
	4		Mathematics or Science			4				
HRD 110 Freshmen Experience*	6		Elective Credits			6				
	1		No Credit Transferred			0				
		Additional Requi	red and Elective Courses for the Major/Minor at UAlb	any						
			Challenges of the 21st Century		X	3				
		AATM 209	Weather Workshop (Corequisite with AATM 210)		X	1				
		AATM 210	Atmospheric Structure, Thermodynamics, and Circulation (Corequisite with AATM 209)		Х	3				
		AATM 211	Weather Analysis and Forecasting		Х	4				
		AATM 315	Environmental Statistics and Computation		Χ	4				
		AATM 316	Dynamic Meteorology I		X	3				
		AATM 317	Dynamic Meteorology II		X	3				
		AATM 320	Atmospheric Thermodynamics		Χ	3				
		AATM 321	Physical Meteorology		X	4				
		AATM 350	Meteorological Data Analysis and Visualization		Х	2				
		AATM 418	Dynamic Meteorology III		Χ	3				
		AATM 419	Applications of Numerical Weather Prediction		Χ	3				
			Atmospheric Science Electives (301 and higher)**		Х	12				
			Elective credits required for Degree Completion		Х	8				
Total Credits eligible for Transfer	64		Total Transi	fer Credits Applie	ed to Program	64				
*The University at Albany does not accept transfer credit for Freshmen Experience courses at this time **Excluding AATM 304 and including one of AATM 311 and AATM 405. No more than 6 credits from AATM 497, AATM 498, or AATM 499. A maximum of 3 credits from AATM 490 will apply.			Total C	Credits Required	after Transfer	56				
The state of the s	Credits Require	ed for Degree	120							

	SUNY Adirondack Liberal Arts and Sciences: Mathematics	s and Science	e A.S.			University at Alban Biology B.A.	у		
Course #	Course Title	SUNY Gen Ed	Major or Pathway	Credits Granted	Course #	Equivalent Course Title	SUNY Gen Ed	Major or Pathway	Credits Accepte
BIO 111	General Biology I (SUNY Gen. Ed. Natural Science lab science)	Χ	Х	4	ABIO 120/201	General Biology/Lab	Х	Х	4
BIO 112	General Biology II (Mathematics/Science Core)	Х		4	ABIO 298/296	Contemporary Issues in Biological Sciences/Lab (Major Elective)	Х		4
BIO 114	Human Nutrition (Mathematics/Science Core)			4	ABIO 117	Nutrition			4
BIO 212	Genetics (Mathematics/Science Core)		Χ	4	ABIO 212Y	Genetics		X	4
CHM 111	General Chemistry I (Mathematics/Science Core)	Χ	Х	4	ACHM 120/124	General Chemistry I/Lab	Х	Х	4
CHM 112	General Chemistry II (Mathematics/Science Core)		Х	4	ACHM 121/125	General Chemistry II/Lab		Х	4
ENG 101	Introduction to College Writing	Χ		3	AENG 010Z	English Elective	Х		3
MAT 127	Introductory Statistics with Probability (Suggested SUNY Gen. Ed. Mathematics)	Χ		3	AMAT 108	Elementary Statistics	Х		3
	SUNY Gen. Ed. American History	Χ		3		SUNY Gen. Ed. American History	Х		3
	SUNY Gen. Ed. The Arts, Foreign Language or Humanities	Χ		3		SUNY Gen. Ed. The Arts, Foreign Language or Humanities	Х		3
	SUNY Gen. Ed. Basic Communication	Χ		3		SUNY Gen. Ed. Basic Communication	Х		3
	SUNY Gen. Ed. Social Science	Χ		3		SUNY Gen. Ed. Social Science	X		3
	SUNY Gen. Ed. Western Civilization	Χ		3		SUNY Gen. Ed. Western Civilization	X		3
	Health and Wellness Elective			2		General Elective Credits			2
	Liberal Arts Electives			6		Liberal Arts Electives			6
	Mathematics or Science Elective			3		Mathematics or Science Elective			3
	Elective Credits			8		Elective Credits			8
HRD 110	Freshmen Experience			1		No Credit Transferred	1		0
					Additional Requ	uired and Elective Courses for the Major	at UAlbany	I v	
					ADIO404/0007	Challenges of the 21st Century		X	3
					ABIO121/202Z	General Biology II/Lab Biology Major Electives***		X	4 16
						Elective credits required for Degree		Х	
						Completion		X	9-15
					<u>Minor</u>	A Minor is required at UAlbany		X	18-24
*The Univer	Total Crossity at Albany does not accept transfer credit for	edits Eligible Freshmen F		urses at this		Total Transfer Cr	edits Applied	to Program:	64
time.	Major Elective must have 12 credits at 300 level		,			Total Credits Required after Transfer:			56
Total Credits Required for Degree						120			

	Liberal Arts and Sciences: Mathematics and Sciences	SUNY Gen	Major or	Credits		Biology B.S. (Combined Majo	r/Minor) SUNY	Major or	Credits
Course #	Course Title	Ed	Pathway	Granted	Course #	Equivalent Course Title	Gen Ed	Pathway	Accepted
BIO 111	Zoology	Х	Χ	4	ABIO 120/20		Х	Х	4
BIO 112	Botany	Х	Х	4	ABIO 298/29	Contemporary Issues in Biological Sciences/Lab	Х	Х	4
BIO 212	Genetics		Х	4	ABIO 212Y	Genetics		Х	4
BIO 213	Molecular Biology		Х	4	ABIO 217/302Z	Cell Biology/Lab		Х	4
CHM 111	General Chemistry I	Х	Χ	4	ACHM 120/1		Х	Х	4
CHM 112	General Chemistry II		Χ	4	ACHM 121/1	25 General Chemistry II/Lab		X	4
ENG 101	Introduction to College Writing	X		3	AENG 010Z	English Elective	Х		3
MAT 131	Calculus I	X	X	4	AMAT 112	Calculus I	Χ	Χ	4
	SUNY Gen. Ed. American History	Х		3		SUNY Gen. Ed. American History	Χ		3
	SUNY Gen. Ed. The Arts, Foreign Language or Humanities	Х		3		SUNY Gen. Ed. The Arts, Foreign Language or Humanities	Х		3
	SUNY Gen. Ed. Basic Communication	Х		3		SUNY Gen. Ed. Basic Communication	Х		3
	SUNY Gen. Ed. Social Science	Х		3		SUNY Gen. Ed. Social Science	Х		3
	SUNY Gen. Ed. Western Civilization	Х		3		SUNY Gen. Ed. Western Civilization	Х		3
	Health and Wellness Elective			2		General Elective Credits			2
	Liberal Arts Electives			6		Liberal Arts Electives			6
	Mathematics or Science*			4		Mathematics or Science Elective			4
	Elective Credits			3		Elective Credits			3
HRD 110	Freshmen Experience**			1		No Credit Transferred			0
					Additional R	equired and Elective Courses for the Major at UA	lbany		
						Challenges of the 21st Century		Х	3
					ABIO 121/202Z	General Biology II/Lab	Х	Х	4
					ABIO 365	Biological Chemistry I		Х	3
					ABIO 402	Evolution		Х	3
					ACHM 220/2	22 Organic Chemistry I/Lab		Х	4
					ACHM 221/2	23 Organic Chemistry II/Lab		X	4
					AMAT 108 or AMAT 113	Elementary Statistics or Calculus II	Х	Х	3
					APHY 105/10		Х	Х	4
					APHY 108/10		Х	Х	4
						Biology Major Electives***		Х	15
						Elective credits required for Degree Completion		Х	6
	Total (	Credits Eligible	for Transfer	64	<u> </u>	Total Transfer	Credits Applie	ed to Program	64
requirement **The Univer time. ***Biology M	ondack are encouraged to take MAT 127 or MAT at UAlbany upon transfer. rsity at Albany does not accept transfer credit for Flajor Electives must include 3 courses that are paredits must be at the 300-level, and 3 credits must	32 because it versemen Expe	will meet a ma rience course vely laboratory	s at this	•			after Transfer	53

Course # Course Title  CHM 111 General Chemistry I (Socience lab science)  CHM 112 General Chemistry II (Core)  CHM 203 Organic Chemistry I (Nocore)  CHM 204 Organic Chemistry II (Core)	(Mathematics/Science  (Mathematics/Science  (Mathematics/Science  (Mathematics/Science  I (Mathematics/Science  II (Suggested once Elective) e Writing of the SUNIX Cap Education of th	Gen M	Major or Pathway X X X X X X	Credits Granted 4 4 4		Course #  ACHM 120/124  ACHM 121/125  ACHM 220/222	Chemistry B.A. (Combined Maje Equivalent Course Title General Chemistry I/Lab General Chemistry II/Lab Organic Chemistry I/Lab	SUNY Gen Ed X	Major or Pathway X X	Credits Accepted 4
CHM 112  CHM 112  CHM 203  CHM 203  CHM 204  COre)  CHM 204  COre)  CHM 204  COre)  CORE  MAT 131  CALCULUS I (Suggested Mathematics)  MAT 132  CALCULUS II (Mathematics)  SUNY Gen. Ed. The Arts Humanities  SUNY Gen. Ed. Social SONNY Gen. Ed. Social SONNY Gen. Ed. Westerm Health and Wellness ELiberal Arts Elective  Elective Credits	(Mathematics/Science  Mathematics/Science  (Mathematics/Science  I (Mathematics/Science  II (Suggested once Elective) e Writing of the SUNIV Con Education of the Suniversity of the Sun	Κ	X X X	4		ACHM 121/125	General Chemistry II/Lab	X	Х	•
CHM 112 Core)  CHM 203 Organic Chemistry I (National Core)  CHM 204 Organic Chemistry II (Incore)  EGR 105 Engineering Physics I Core)  EGR 106 Engineering Physics II Mathematics or Science  ENG 101 Introduction to College MAT 131 Calculus I (Suggested Mathematics)  MAT 132 Calculus II (Mathematics)  MAT 132 Calculus II (Mathematics)  MAT 132 Suny Gen. Ed. Americal Suny Gen. Ed. The Arts Humanities  SUNY Gen. Ed. Basic Company Gen. Ed. Social Suny Gen. Ed. Western Health and Wellness Elective Elective Credits	Mathematics/Science  (Mathematics/Science  I (Mathematics/Science  II (Suggested once Elective) e Writing on Education Science of Mathematics/Science on Science on S		X X	4			•			4
CHM 203  Core)  CHM 204  Core)  EGR 105  Engineering Physics I Core)  Engineering Physics I Mathematics or Scient Mathematics or Scient Calculus I (Suggested Mathematics)  MAT 131  MAT 132  Calculus II (Mathematics UNY Gen. Ed. Americal SUNY Gen. Ed. The Arts Humanities  SUNY Gen. Ed. Social SUNY Gen. Ed. Western Health and Wellness E Liberal Arts Elective Elective Credits	(Mathematics/Science  I (Mathematics/Science  II (Suggested once Elective) once Elective) on Education States on the Writing of States on the States of the		Х			ACHM 220/222	Organic Chemistry I/Lab		V	
Core)  EGR 105  Engineering Physics I Core)  Engineering Physics II Mathematics or Science  ENG 101  Introduction to College MAT 131  Calculus I (Suggested Mathematics)  MAT 132  Calculus II (Mathematics)  MAT 132  Calculus II (Mathematics)  SUNY Gen. Ed. Americal SUNY Gen. Ed. Basic Company Gen. Ed. Social Suny Gen. Ed. Western Health and Wellness Elective Credits	I (Mathematics/Science  II (Suggested once Elective)  e Writing of SUNIX Con Education			4					Χ	4
EGR 105  Core)  EGR 106  Engineering Physics II Mathematics or Science  ENG 101  Introduction to College Mathematics)  MAT 131  Calculus I (Suggested Mathematics)  MAT 132  Calculus II (Mathematics)  SUNY Gen. Ed. Americal SUNY Gen. Ed. The Arts Humanities  SUNY Gen. Ed. Basic College Suny Gen. Ed. Western Health and Wellness Elective Elective Credits	II (Suggested ) nce Elective) e Writing )		Х			ACHM 221/223	Organic Chemistry II/Lab		Х	4
Mathematics or Science ENG 101 Introduction to College MAT 131 Calculus I (Suggested Mathematics)  MAT 132 Calculus II (Mathematics)  MAT 132 Calculus II (Mathematics)  SUNY Gen. Ed. American SUNY Gen. Ed. The Arts Humanities  SUNY Gen. Ed. Social SUNY Gen. Ed. Western Health and Wellness ELiberal Arts Elective  Elective Credits	nce Elective)  e Writing  SUNN Con Ed	ζ .		4		APHY 140/145	Physics I: Mechanics/Lab	Х	Х	4
MAT 131  Calculus I (Suggested Mathematics)  MAT 132  Calculus II (Mathematics)  SUNY Gen. Ed. Americant SUNY Gen. Ed. The Arts Humanities  SUNY Gen. Ed. Basic Company Gen. Ed. Social Suny Gen. Ed. Western Health and Wellness Elective Elective Credits	d CLINIV Can Ed		Х	4		APHY 150/155	Physics II: Electromagnetism/Lab	Х	Х	4
MAT 131  Mathematics)  MAT 132  Calculus II (Mathematics)  SUNY Gen. Ed. American  SUNY Gen. Ed. The Arts  Humanities  SUNY Gen. Ed. Basic Co  SUNY Gen. Ed. Social S  SUNY Gen. Ed. Western  Health and Wellness E  Liberal Arts Elective  Elective Credits	LCLINIV Con Ed	(		3		AENG 110Z	Writing & Critical Inquiry	X		3
SUNY Gen. Ed. Americal SUNY Gen. Ed. The Arts Humanities SUNY Gen. Ed. Basic Co SUNY Gen. Ed. Social S SUNY Gen. Ed. Western Health and Wellness E Liberal Arts Elective Elective Credits	'	×	Х	4		AMAT 112	Calculus I	Х	Х	4
SUNY Gen. Ed. The Arts Humanities SUNY Gen. Ed. Basic Co SUNY Gen. Ed. Social S SUNY Gen. Ed. Western Health and Wellness E Liberal Arts Elective Elective Credits	tics/Science Core)	(	Χ	4		AMAT 113	Calculus II	Х	Х	4
Humanities SUNY Gen. Ed. Basic Co SUNY Gen. Ed. Social S SUNY Gen. Ed. Western Health and Wellness E Liberal Arts Elective Elective Credits		(		3			SUNY Gen. Ed. American History	Х		3
SUNY Gen. Ed. Social S SUNY Gen. Ed. Western Health and Wellness E Liberal Arts Elective Elective Credits	, ,	K		3			SUNY Gen. Ed. The Arts, Foreign Language or Humanities	Х		3
SUNY Gen. Ed. Western Health and Wellness E Liberal Arts Elective Elective Credits				3			SUNY Gen. Ed. Basic Communication	X		3
Health and Wellness E Liberal Arts Elective Elective Credits		Χ		3			SUNY Gen. Ed. Social Science	Х		3
Liberal Arts Elective Elective Credits		Κ		3			SUNY Gen. Ed. Western Civilization	X		3
Elective Credits	Elective			2			General Elective Credits			2
				6			Liberal Arts Elective			6
HRD 110 Freshmen Experience	4			6			Elective Credits			6
	<del>)</del> ^			1		A 1 120 1 1 D	No Credit Transferred	4 11 4 11		0
						Additional Requ	rired and Elective Courses for the Major/Mino	r at UAlbany	.,	
						A OLUM A OOF	Challenges of the 21st Century		X	3
						ACHM 225	Quantitative Analysis		X	3
						ACHM 320	Introduction to Physical Chemistry		Χ	3
						ACHM 321	Introduction to Experimental Physical Chemistry		Х	2
						ACHM 417	Advanced Synthesis Laboratory		Χ	3
						ACHM 420	Inorganic Chemistry I		Χ	3
						ACHM 430	Instrumental Analysis		Χ	3
							Advanced Chemistry Elective		Χ	3
							Elective credits required for Degree Completion		Х	33
		eligible for T	Transfer	64			Total Transfer	Credits Applie	d to Program	64
*The University at Albany does not ac	Total Credits 6	-		at this time			Total Credits Required after Transfer			56
		*The University at Albany does not accept transfer credit for Freshmen Experience courses at this time							d for Degree	120

		SUNY Gen	Major or	Credits			SUNY	Major or	Credits		
Course #	Course Title	Ed	Pathway	Granted	Course #	Equivalent Course Title	Gen Ed	Pathway	Accepted		
CHM 111	General Chemistry I	X	X	4	ACHM 120/124	General Chemistry I/Lab	X	X	4		
CHM 112	General Chemistry II		Х	4	ACHM 121/125	General Chemistry II/Lab		Х	4		
CHM 203	Organic Chemistry I		Х	4	ACHM 220/222	Organic Chemistry I/Lab		Х	4		
CHM 204	Organic Chemistry II		Х	4	ACHM 221/223	Organic Chemistry II/Lab		Х	4		
EGR 105	Engineering Physics I	Х	Х	4	APHY 140/145	Physics I: Mechanics	Χ	Х	4		
EGR 106	Engineering Physics II	Х	Х	4	APHY 150/155	Physics II: Electromagnetism/Lab	Χ	Х	4		
EGR 204	Engineering Physics III	Х		4	APHY 240/245	Physics III: Structure of Matter/Lab	Χ		4		
ENG 101	Introduction to College Writing	Х		3	AENG 110Z	Writing & Critical Inquiry	Χ		3		
MAT 131	Calculus I	Х	Х	4	AMAT 112	Calculus I	Χ	Х	4		
MAT 132	Calculus II	Х	Х	4	AMAT 113	Calculus II	Χ	Х	4		
	SUNY Gen. Ed. American History	Х		3		SUNY Gen. Ed. American History	Χ		3		
	SUNY Gen. Ed. The Arts, Foreign Language	Х		3		SUNY Gen. Ed. The Arts, Foreign Language	Х		3		
	or Humanities			3		or Humanities	^		7		
	SUNY Gen. Ed. Basic Communication	X		3		SUNY Gen. Ed. Basic Communication	Χ		3		
	SUNY Gen. Ed. Social Science	X		3		SUNY Gen. Ed. Social Science	Χ		3		
	SUNY Gen. Ed. Western Civilization	X		3		SUNY Gen. Ed. Western Civilization	Χ		3		
	Health and Wellness Elective			2		General Elective Credits			2		
	Elective Credits			8		Elective Credits			6		
HRD 110	Freshmen Experience *			1		No Credit Transferred			0		
					Additional Requ	Required and Elective Courses for the Major at UAlbany					
						Challenges of the 21st Century		X	3		
					ACHM 225	Quantitative Analysis		X	3		
					ACHM 350	Physical Chemistry I		X	3		
					ACHM 351	Physical Chemistry II		X	3		
					ACHM 352Z	Physical Chemistry Lab		X	3		
					ACHM 417	Advanced Synthesis Lab		X	3		
					ACHM 420	Inorganic Chemistry I		X	3		
					ACHM 342 or	Introduction to Biochemistry or		Х	3		
					ACHM 442	Comprehensive Biochemistry					
						Advanced Chemistry Laboratory**		X	3		
						Advanced Chemistry***		X	3		
					AMAT 214	Calculus of Several Variables		X	4		
						Elective credits required for Degree Completion		Х	22		
		Credits eligible		64		Total Transfer (	Credits Applie	d to Program	64		
	sity at Albany does not accept transfer credit for Fi Chemistry Laboratory select from: ACHM 426; AC			at this time	•	Total Credits Required after Transfer			56		

	SUNY Adirondack Liberal Arts and Sciences: Mathematics	and Science A.	S.			University at Albany Chemistry with Forensic Chemistry Emphasis B.S	. (Combined N	//ajor/Minor)	
Course #	Course Title	SUNY Gen Ed	Major or Pathway	Credits Granted	Course #	Equivalent Course Title	SUNY Gen Ed	Major or Pathway	Credits Accepted
CHM 111	General Chemistry I (SUNY Gen. Ed. Natural Science lab science)	Х	Х	4	ACHM 120/124	General Chemistry I/Lab	Х	Х	4
CHM 112	General Chemistry II (Mathematics/Science Core)		Х	4	ACHM 121/125	General Chemistry II/Lab		Х	4
CHM 203	Organic Chemistry I (Mathematics/Science Core)		Х	4	ACHM 220/222	Organic Chemistry I/Lab		Х	4
CHM 204	Organic Chemistry II (Mathematics/Science Core)		Х	4	ACHM 221/223	Organic Chemistry II/Lab		Х	4
EGR 105	Engineering Physics I (Mathematics/Science Core)	Х	Х	4	APHY 140/145	Physics I: Mechanics/Lab	Х	Х	4
EGR 106	Engineering Physics II (Mathematics/Science Core)	Х	Х	4	APHY 150/155	Physics II: Electromagnetism/Lab	Х	Х	4
ENG 101	Introduction to College Writing	Х		3	AENG 110Z	Writing & Critical Inquiry	Х		3
MAT 127	Introductory Statistics with Probability (Suggested Elective)	Х	Х	3	AMAT 108	Elementary Statistics	Х	Х	3
MAT 131	Calculus I (Suggested SUNY Gen. Ed. Mathematics)	Х	Х	4	AMAT 112	Calculus I	Х	Х	4
MAT 132	Calculus II (Suggested Mathematics or Science Elective)	Х	Х	4	AMAT 113	Calculus II	Х	Х	4
	SUNY Gen. Ed. American History	Х		3		SUNY Gen. Ed. American History	Χ		3
	SUNY Gen. Ed. The Arts, Foreign Language or Humanities	Х		3		SUNY Gen. Ed. The Arts, Foreign Language or Humanities	Х		3
	SUNY Gen. Ed. Basic Communication	Х		3		SUNY Gen. Ed. Basic Communication	Χ		3
	SUNY Gen. Ed. Social Science	X		3		SUNY Gen. Ed. Social Science	X		3
	SUNY Gen. Ed. Western Civilization	X		3		SUNY Gen. Ed. Western Civilization	Х		3
	Health and Wellness Elective			2		General Elective Credits			2
	Liberal Arts Elective			6		Liberal Arts Elective			6
	Elective Credits			3		Elective Credits			3
HRD 110	Freshmen Experience *			1		No Credit Transferred	L		0
					Additional Requ	ired and Elective Courses for the Major at UAlbar	ıy		
					A OLUMA 005	Challenges of the 21st Century		X	3
					ACHM 225 ACHM 350	Quantitative Analysis Physical Chemistry I		X	3
					ACHM 351	Physical Chemistry II		X	3
					ACHM 351Z	Physical Chemistry II  Physical Chemistry Lab		X	3
					ACHM 352Z ACHM 417	Advanced Synthesis Lab		X	3
					ACHM 420	Inorganic Chemistry I		X	3
					ACHM 420 ACHM 342 or	Introduction to Biochemistry or			
					ACHM 342 01 ACHM 442	Comprehensive Biochemistry		X	3
					ACHM 450	Forensic Chemistry I	X	X	3
					ACHM 451	Forensic Chemistry II		X	3
					AMAT 214	Calculus of Several Variables		X	4
					7 1177 11 217	Elective credits required for Degree Completion		X	22
	Total	Credits eligible	for Transfer	64			r Cradite Annli		64
tThe University				_		Total Transfer Credits Applied to Program  Total Credits Required after Transfer			
The University at Albany does not accept transfer credit for Freshmen Experience courses at this time						I otal Cre	euits Reduired	aiter i ranster	56

	SUNY Adirondack Liberal Arts and Sciences: Mathematics	s and Science A	A.S.						
Course #	Course Title	SUNY Gen Ed	Major or Pathway	Credits Granted	Course #	Mathematics B.A.  Equivalent Course Title	SUNY Gen Ed	Major or Pathway	Credits Accepted
ENG 101	Introduction to College Writing	Х		3	AENG 110Z	Writing and Critical Inquiry	Χ		3
ЛАТ 127	Introductory Statistics with Probability (Suggested SUNY Gen. Ed. Mathematics)	Х		4	AMAT 108	Elementary Statistics	Х		4
ИАТ 131	Calculus I (Mathematics/Science Core)	Х		4	AMAT 112	Calculus I	Χ		4
ЛАТ 132	Calculus II (Mathematics/Science Core)	X		4	AMAT 113	Calculus II	X		4
ЛАТ 220	Linear Algebra (Mathematics/Science Core)		Χ	3	AMAT 220	Linear Algebra		Х	3
ЛАТ 231	Calculus III (Mathematics/Science Core)		Х	4	AMAT 214	Calculus of Several Variables		Х	4
ЛАТ 232	Differential Equations (Mathematics/Science Core)		Х	4	AMAT 311**	Ordinary Differential Equations		Х	4
	SUNY Gen. Ed. American History	Х		3		SUNY Gen. Ed. American History	Χ		3
	SUNY Gen. Ed. The Arts, Foreign Language or Humanities	Х		3		SUNY Gen. Ed. The Arts, Foreign Language or Humanities	Х		3
	SUNY Gen. Ed. Basic Communication	Х		3		SUNY Gen. Ed. Basic Communication	Χ		3
	SUNY Gen. Ed. Natural Science with Lab	Х		4		SUNY Gen. Ed. Natural Science with Lab	Χ		4
	SUNY Gen. Ed. Social Science	Х		3		SUNY Gen. Ed. Social Science	Χ		3
	SUNY Gen. Ed. Western Civilization	Х		3		SUNY Gen. Ed. Western Civilization	Χ		3
	Health and Wellness Elective			2		General Elective Credits			2
	Mathematics or Science Elective			3		Mathematics or Science Elective			3
	Liberal Arts Electives			6		Liberal Arts Electives			6
	Elective Credits			8		Elective Credits			8
IRD 110	Freshmen Experience*			1		No Credit Transferred			0
	·				Additional Rec	uired and Elective Courses for the Major at UA	bany		
						Challenges of the 21st Century		Х	3
					AMAT 299	Introduction to Proofs (same semester as UUNL 299)		Х	3
						Algebra Elective**		Х	3
						Geometry/Topology Elective**		Х	3
						Probability/Statistics**		Х	3
					UUNL 299	Information Literacy in Mathematics and Statistics (same semester as AMAT 299)		Х	2
						Elective credits required for Degree Completion		Х	15-21
					Minor	A Minor is required at UAlbany		Χ	18-24
	Total (	Credits eligible	for Transfer	64	1	Total Transfer (	Credits Applie	d to Program	64
Algebra Ele Analysis Ele Geometry/ MAT 414	sity at Albany does not accept transfer credit for Fi ective: AMAT 326; AMAT 327; AMAT 328; AMAT lective: Transfer credit meets this requirement Topology Elective: AMAT 331; AMAT 312; AMAT /Statistics: AMAT 308; AMAT 362 or 367; AMAT 3	424 314; AMAT 409	9; AMAT 412;	AMAT 413;		Total Cred	its Required	after Transfer	56

Total Credits Required for Degree

120

A transfer student admitted to the University at Albany who has completed his/her A.A. or A.S. degree will be given credit for meeting SUNY's General Education requirements.

Restricted Major – before declaring a major, students must complete one of the following: AMAT 113, 119, 214, or 218 with a grade of A, B, C, or S. (Transfer credits and grades may be used to satisfy this).

	SUNY Adirondack Liberal Arts and Sciences: Mathematics and Scien	ce A.S. – Mathe	matics Track			University at Albany Mathematics B.S.			
Course #	Course Title	SUNY Gen Ed	Major or Pathway	Credits Granted	Course #	Equivalent Course Title	SUNY Gen Ed	Major or Pathway	Credits Accepted
ENG 101	Introduction to College Writing	Х		3	AENG 110Z	Writing and Critical Inquiry	Х		3
MAT 127	Introductory Statistics with Probability	Х		4	AMAT 108	Elementary Statistics	Χ		4
MAT 131	Calculus I	Х		4	AMAT 112	Calculus I	Χ		4
MAT 132	Calculus II	Х		4	AMAT 113	Calculus II	Χ		4
MAT 220	Linear Algebra		Х	3	AMAT 220	Linear Algebra		Х	3
MAT 231	Calculus III		Х	4	AMAT 214	Calculus of Several Variables		Х	4
MAT 232	Differential Equations			4	AMAT 311	Ordinary Differential Equations			4
	SUNY Gen. Ed. American History	Х		3		SUNY Gen. Ed. American History	Χ		3
	SUNY Gen. Ed. The Arts, Foreign Language or Humanities	Х		3		SUNY Gen. Ed. The Arts, Foreign Language or Humanities	Х		3
	SUNY Gen. Ed. Basic Communication	Х		3		SUNY Gen. Ed. Basic Communication	Χ		3
	SUNY Gen. Ed. Natural Science with Lab	Х		4		SUNY Gen. Ed. Natural Science with Lab	Χ		4
	SUNY Gen. Ed. Social Science	Х		3		SUNY Gen. Ed. Social Science	Χ		3
	SUNY Gen. Ed. Western Civilization	Х		3		SUNY Gen. Ed. Western Civilization	Х		3
	Health and Wellness Elective			2		General Elective Credits			2
	Liberal Arts Electives			6		Liberal Arts Electives			6
	Mathematics or Science Elective			3		Mathematics or Science Elective			3
	Elective Credits			8		Elective Credits			8
HRD 110	Freshmen Experience*			1		No Credit Transferred			0
					Additional Requ	ired and Elective Courses for the Major at UAlban	у		
						Challenges of the 21st Century		X	3
					AMAT 299	Introduction to Proofs (same semester as UUNL 299)		Х	3
						2 AMAT Sequences **		Х	12
						Computer Science Elective		Х	6
					UUNL 299	Information Literacy in Mathematics and Statistics (same semester as AMAT 299)		Х	2
						Elective credits required for Degree Completion		Х	6-12
					Minor	A Minor is required at UAlbany		Х	18-24
	Tota	l Credits eligible	for Transfer	64	_	Total Transfer	Credits Applie	ed to Program	64

\*The University at Albany does not accept transfer credit for Freshmen Experience courses at this time\*
\*\*Select two of the following Sequences:

- Any two of AMAT 326, AMAT 327, or AMAT 328
- Either (a) AMAT 314 & AMAT 315, or (b) any two of AMAT 312, AMAT 412, AMAT 413, AMAT
- Either (a) any two of AMAT 308, AMAT 362/367, AMAT 363, AMAT 369, AMAT 464, AMAT 465, AMAT 467, AMAT 468; or (b) AMAT 370 and of the following AMAT 367, AMAT 369, AMAT 464, AMAT 465, AMAT 467, AMAT 468
- AMAT 312 and AMAT 424 (AMAT 312 cannot be a part of two sequence options)

Total Transfer Credits Applied to Program 64

Total Credits Required after Transfer 56

Total Credits Required for Degree 120

<sup>\*\*\*</sup>Select two courses from: ICSI 101, ICSI 203, ICSI 204, ICSI 205, ICSI 310

<sup>\*\*\*\*</sup>Select one of the following Minors: Atmospheric Science, Biology, Business, Chemistry, Computer Science, Economics, Electronics, Geology, Informatics, or Physics

	SUNY Adirondack Liberal Arts and Sciences: Mathematics	s and Science A	4.S.			University at Albany Physics B.S.			
Course #	Course Title	SUNY Gen Ed	Major or Pathway	Credits Granted	Course #	Equivalent Course Title	SUNY Gen Ed	Major or Pathway	Credits Accepted
CHM 111	General Chemistry I (Mathematics/Science Core)	Х	Х	4	ACHM 120/124	General Chemistry I/Lab	Х	Х	4
CHM 112	General Chemistry II (Mathematics/Science Core)		Х	4	ACHM 121/125	General Chemistry II/Lab		Х	4
CIS 143	Introduction to Programming (Mathematics/Science Core)		Х	3	ICSI 201	Introduction to Computer Science		Х	3
EGR 105	Engineering Physics I SUNY Gen. Ed. Natural Science with Lab	Х	Х	4	APHY 140/145	Physics I: Mechanics/Lab		Х	4
EGR 106	Engineering Physics II (Suggested Elective)	Х	Х	4	APHY 150/155	Physics II: Electromagnetism/Lab	Х	Х	4
ENG 101	Introduction to College Writing	Х		3	AENG 110Z	Writing and Critical Inquiry	Х		3
MAT 131	Calculus I (Suggested SUNY Gen. Ed. Mathematics	Х	Х	4	AMAT 112	Calculus I	Х	Х	4
MAT 132	Calculus II (Mathematics/Science Core)		Χ	4	AMAT 113	Calculus II		X	4
MAT 220	Linear Algebra (Mathematics/Science Core)		Χ	3	AMAT 220	Linear Algebra		X	3
MAT 231	Calculus III (Mathematics/Science Core)		Χ	4	AMAT 214	Calculus of Several Variables		X	4
	SUNY Gen. Ed. American History	X		3		SUNY Gen. Ed. American History	Х		3
	SUNY Gen. Ed. The Arts, Foreign Language or Humanities	Х		3		SUNY Gen. Ed. The Arts, Foreign Language or Humanities	Х		3
	SUNY Gen. Ed. Basic Communication	X		3		SUNY Gen. Ed. Basic Communication	Χ		3
	SUNY Gen. Ed. Social Science	X		3		SUNY Gen. Ed. Social Science	X		3
	SUNY Gen. Ed. Western Civilization	X		3		SUNY Gen. Ed. Western Civilization	Χ		3
	Health and Wellness Elective			2		General Elective Credits			2
	Liberal Arts Electives			6		Liberal Arts Electives			6
	Elective Credits			3		Elective Credits			3
HRD 110	Freshmen Experience*			1		No Credit Transferred			0
					Additional Requ	uired and Elective Courses for the Major at UA	lbany		
						Challenges of the 21st Century		X	3
					APHY 240/245	Physics III: Structure of Matter/Lab		Χ	4
					APHY 235	Mathematics in Physics		X	3
					APHY 320	Classical Mechanics		X	3
					APHY 335Z	Advanced Physics Lab		X	3
					APHY 340	Electromagnetism I		X	3
					APHY 350	Electromagnetism II: Optics		X	3
					APHY 440 APHY 450	Quantum Physics I Quantum Physics II	1	X	3
					APHY 450 APHY 460	Thermodynamics and Statistics Physics	1	X	3
					APRT 400	Physics Elective 300-level or above		X	3
						Elective credits required for Degree Completion		X	0-5
					Minor	A Minor is required at UAlbany		X	18-24
	Total	Credits eligible	for Transfer	63	MILLOI		L Credits Annlie		63
*The Univers						Total Transfer Credits Applied to Program			57-58
THE UTIVERS	The University at Albany does not accept transfer credit for Freshmen Experience courses at this time.					Total Credits Required after Transfer  Total Credits Required for Degree			120-121

University at Albany College of Engineering and Applied Sciences

	SUNY Adirondack Computer Science A.S					University at Albany Computer Science B.A.					
Course #	Course Title	SUNY Gen Ed	Major or Pathway	Credits Granted		Course #	Equivalent Course Title	SUNY Gen Ed	Major or Pathway	Credits Accepted	
CIS 143	Introduction to Programming		Х	3		ICSI 201	Introduction to Computer Science		Х	3	
CIS 144	Intermediate Programming in a Windows Environment			3		ICSI 010	Computer Science Elective			3	
CIS 150	Topics in Computing		1	3		ICSI 010	Computer Science Elective			3	
CIS 243	Data Structures and Objects in C++			4		ICSI 010	Computer Science Elective			4	
CIS 244	Computer Systems and Programming		Х	3		ICSI 333	Programming at the Hardware Software Interface		Х	3	
EGR 105	Engineering Physics I (Suggested SUNY Gen. Ed. Natural Science with Lab)	Х		4		APHY 140/145	Physics I: Mechanics/Lab	Х		4	
ENG 101	Introduction to College Writing	Х		3		AENG 010Z	English Elective	Х		3	
MAT 129	Discrete Mathematics			3	1	AMAT 010	Mathematics Elective	-		3	
MAT 131	Calculus I	Х	Х	4	1	AMAT 112	Calculus I	Χ	Х	4	
	Calculus II (Suggested SUNY Gen. Ed.			· · · · · · · · · · · · · · · · · · ·	T						
MAT 132	Mathematics)	Х	X	4		AMAT 113	Calculus II	Χ	Χ	4	
	SUNY Gen. Ed. American History	Х		3	1		SUNY Gen. Ed. American History	Χ		3	
	SUNY Gen. Ed. The Arts, Foreign Language or Humanities	Х		3			SUNY Gen. Ed. The Arts, Foreign Language or Humanities	Х		3	
	SUNY Gen. Ed. Basic Communication	Х	1	3			SUNY Gen. Ed. Basic Communication	Х		3	
	SUNY Gen. Ed. Social Science	Х	1	3			SUNY Gen. Ed. Social Science	Х		3	
	SUNY Gen. Ed. Western Civilization		SUNY Gen. Ed. Western Civilization	Х		3					
	SUNY Gen. Ed. American History	Х		3			SUNY Gen. Ed. American History	Х		3	
	Computer Science or Mathematics Elective			3			Computer Science or Mathematics Elective			3	
	Health and Wellness Elective		1	2			General Elective Credits			2	
	Liberal Arts Electives (at least 2 credits must be from SUNY Gen. Ed. Areas)			6			Liberal Arts Electives			6	
	Elective Credits			4			Elective Credits			4	
HRD 110	Freshmen Experience*			1			No Credit Transferred			0	
						Additional Regu	ired and Elective Courses for the Major at UAlbar	ıv	•		
							Challenges of the 21st Century	ĺ	X	3	
					1	ICSI 210	Discrete Structures		X	4	
					1	ICSI 310	Data Structures		X	3	
					1	ICSI 404	Computer Organization		X	3	
						ICSI 311 or ICSI 405	Principles of Programming Languages Object Oriented Programming Principles and Practice		х	3	
						ICSI 402 or ICSI 418	Systems Programming Software Engineering		Х	3	
						AMAT 367	Discrete Probability		Х	3	
					1		Computer Science Major Electives**		X	6	
					1		Elective credits required for Degree Completion		X	4-10	
					1	Minor	A Minor is required at UAlbany		X	18-24	
	Total	Credits Eligible	for Transfer	64	t			Credits Appli	ed to Program	64	
*The Universi	ity at Albany does not currently accept transfer credit Science Major Electives must be 400-470 or 500-550	for Freshmen E	xperience cou	rses. lenartment			Total Credits Required after Transfer			56	
Obniputor C	Solution Major Electron Mast be 400 470 of 500-500	or opoorany app		oparamona.			Total C	redits Require	ed for Degree	120	

	SUNY Adirondack Computer Science A.S.					University at Albany Computer Science B.S. (Combined	oany oined Major/Minor)		
Course #	Course Title	SUNY Gen Ed	Major or Pathway	Credits Granted	Course #	Equivalent Course Title	SUNY Gen Ed	Major or Pathway	Credits Accepted
CIS 143	Introduction to Programming	Lu	X	3	ICSI 201	Introduction to Computer Science	Lu	X	3
CIS 144	Intermediate Programming in a Windows Environment		X	3	ICSI 010	Computer Science Elective		X	3
CIS 150	Topics in Computing			3	ICSI 010	Computer Science Elective			3
CIS 243	Data Structures and Objects in C++			4	ICSI 010	Computer Science Elective			4
CIS 244	Computer Systems and Programming		Х	3	ICSI 333	Programming at the Hardware Software Interface		Х	3
EGR 105	Engineering Physics I (Suggested SUNY Gen. Ed. Natural Science with Lab)	Х	X	4	APHY 140/145	Physics I: Mechanics/Lab	Х	X	4
EGR 106	Engineering Physics II (Suggested Elective)	Х	Х	4	APHY 150/155	Physics II: Electromagnetism/Lab	Х	Х	4
ENG 101	Introduction to College Writing	X		3	AENG 010Z	English Elective	X		3
MAT 129	Discrete Mathematics			3	AMAT 010	Mathematics Elective			3
MAT 131	Calculus I	Х	Х	4	AMAT 112	Calculus I	Х	Х	4
MAT 132	Calculus II (Suggested SUNY Gen. Ed. Mathematics)	Х	Х	4	AMAT 113	Calculus II	Х	Х	4
MAT 220	Linear Algebra (Computer Science or Mathematics Elective)		Х	3	AMAT 220	Linear Algebra		Х	3
	SUNY Gen. Ed. American History	Х		3		SUNY Gen. Ed. American History	Х		3
	SUNY Gen. Ed. The Arts, Foreign Language or Humanities	Х		3		SUNY Gen. Ed. The Arts, Foreign Language or Humanities	Х		3
	SUNY Gen. Ed. Basic Communication	Х		3		SUNY Gen. Ed. Basic Communication	Х		3
	SUNY Gen. Ed. Social Science	Х		3		SUNY Gen. Ed. Social Science	Х		3
	SUNY Gen. Ed. Western Civilization	X		3		SUNY Gen. Ed. Western Civilization	X		3
	Health and Wellness Elective			2		General Elective Credits			2
	Liberal Arts Electives (at least 2 credits must be from SUNY Gen. Ed. Areas)			6		Liberal Arts Electives			6
HRD 110	Freshmen Experience*			1		No Credit Transferred			0
					Additional Req	uired and Elective Courses for the Major at UAlbany			
						Challenges of the 21st Century		Χ	3
					ICSI 210	Discrete Structures		Χ	4
					ICSI 300Z	Social, Security, and Privacy Implications of Computing		X	3
					ICSI 310	Data Structures		X	3
					ICSI 311	Principles of Programming Languages		X	3
					ICSI 402	Systems Programming		X	3
					ICSI 403	Algorithms and Data Structures		X	3
					ICSI 404	Computer Organization		X	3
					ICSI 409	Automata and Formal Languages		X	3
					AMAT 214**	Calculus of Several Variables		X	3
					AMAT 367	Discrete Probability		X	3
						Science Sequence***		X	6
						Computer Science Major Elective****		X	9
						Elective credits required for Degree Completion		X	7
**Students ma *** Select an a two)	Tot ity at Albany does not currently accept transfer credit for ay take AMAT 214 or 3 credits or any AMAT course num approved pair: ABIO 120 and 121; APHY 240 and 250; A s must be ICSI 300-470 or 500-550. 0-3 credits may be A	bered 300-level ( NPHY 353, APHY	ience courses. or above. ′ 415, and 454 (	·	I		sfer Credits Appl Credits Required		56
APHI 432 in a	advanced logic.		-				l Credits Requir	ed for Degree	120