			Year 1			
	Fall				Spring	
Course #	Course Title	Credits		ourse #	Course Title	Credits
ENGL 1150	English Composition I	3		L 1450	Biology I	5
BIOI 1000	Intro to Bioinformatics	3		CI 2030	Math Foundations of Computer Science	3
CIST 1400	Intro to Computer Science I	3	CSC	CI 1620	Intro to Computer Science II	3
MATH 1950	Calculus I	5	BIO	1 2000	Foundations of Bioinformatics	3
Elective	CIST 1010 College & Career Success	1				
	Semester Total:	15			Semester Total:	14
	Cumulative Total:	15			Cumulative Total:	29
			Year 2			
	Fall				Spring	
Course #	Course Title	Credits	С	ourse #	Course Title	Credits
ENGL 1160	English Composition II	3	CMS	ST 1110	Public Speaking Foundations	3
BIOI 3000	Applied Bioinformatics	3	BIO	1 3500	Advanced Bioinformatics	3
CSCI 3320	Data Structures	3	BIO	L 2140	Genetics	4
CHEM 1140	Fundamentals of College Chemistry	4	CHE	EM 2210	Fundamentals of Organic Chemistry	4
CHEM 1144	Fundamentals of College Chemistry Lab	1	CHE	EM 2214	Fundamentals of Organic Chemistry Lab	1
	Semester Total:	14			Semester Total:	15
	Cumulative Total:	43			Cumulative Total:	58
			Year 3			
	F _#				0.1	
	<u>Fall</u>				Spring	
Course #	<u>Fail</u> Course Title	Credits	С	ourse #	<u>Spring</u> Course Title	Credits
		Credits 3				Credits 3
BIOL 3020	Course Title		CHE		Course Title	Credits 3
BIOL 3020 CSCI 4850	Course Title Molecular Biology of the Cell	3	CHE	EM 3650	Course Title Fundamentals of Biochemistry	Credits 3 1 3
BIOL 3020 CSCI 4850 CIST 2500	Course Title Molecular Biology of the Cell Database Management	3	CHE CHE BIO	EM 3650 EM 3654	Course Title Fundamentals of Biochemistry Fundamentals of Biochemistry Lab	3
Course # BIOL 3020 CSCI 4850 CIST 2500 GenEd GenEd	Course Title Molecular Biology of the Cell Database Management Intro to Applied Statistics for IS&T	3 3 3	CHE CHE BIO CSC	EM 3650 EM 3654 I 4890	Course Title Fundamentals of Biochemistry Fundamentals of Biochemistry Lab Computerized Genetic Sequence Analysis	3 1 3
BIOL 3020 CSCI 4850 CIST 2500 GenEd	Course Title Molecular Biology of the Cell Database Management Intro to Applied Statistics for IS&T Humanities & Fine Arts Course	3 3 3 3	CHE CHE BIO CSC CIS	EM 3650 EM 3654 01 4890 CI 4830	Course Title Fundamentals of Biochemistry Fundamentals of Biochemistry Lab Computerized Genetic Sequence Analysis Intro to Software Engineering	3 1 3
BIOL 3020 CSCI 4850 CIST 2500 GenEd	Course Title Molecular Biology of the Cell Database Management Intro to Applied Statistics for IS&T Humanities & Fine Arts Course	3 3 3 3	CHE CHE BIO CSC CIS	EM 3650 EM 3654 01 4890 CI 4830 CT 3110	Course Title Fundamentals of Biochemistry Fundamentals of Biochemistry Lab Computerized Genetic Sequence Analysis Intro to Software Engineering IT Ethics	3 1 3 3 3
BIOL 3020 CSCI 4850 CIST 2500 GenEd	Course Title Molecular Biology of the Cell Database Management Intro to Applied Statistics for IS&T Humanities & Fine Arts Course Social Science Course	3 3 3 3 3	CHE CHE BIO CSC CIS	EM 3650 EM 3654 01 4890 CI 4830 CT 3110	Course Title Fundamentals of Biochemistry Fundamentals of Biochemistry Lab Computerized Genetic Sequence Analysis Intro to Software Engineering IT Ethics Free Elective	3 1 3 3 3 3 3
BIOL 3020 CSCI 4850 CIST 2500 GenEd	Course Title Molecular Biology of the Cell Database Management Intro to Applied Statistics for IS&T Humanities & Fine Arts Course Social Science Course Semester Total:	3 3 3 3 3 3 15	CHE CHE BIO CSC CIS	EM 3650 EM 3654 01 4890 CI 4830 CT 3110	Course Title Fundamentals of Biochemistry Fundamentals of Biochemistry Lab Computerized Genetic Sequence Analysis Intro to Software Engineering IT Ethics Free Elective Semester Total:	3 1 3 3 3 3 3 16
BIOL 3020 CSCI 4850 CIST 2500 GenEd	Course Title Molecular Biology of the Cell Database Management Intro to Applied Statistics for IS&T Humanities & Fine Arts Course Social Science Course Semester Total:	3 3 3 3 3 3 15	CHE CHE BIO CSC CIS Elec	EM 3650 EM 3654 01 4890 CI 4830 CT 3110	Course Title Fundamentals of Biochemistry Fundamentals of Biochemistry Lab Computerized Genetic Sequence Analysis Intro to Software Engineering IT Ethics Free Elective Semester Total:	3 1 3 3 3 3 3 16
BIOL 3020 CSCI 4850 CIST 2500 GenEd	Course Title Molecular Biology of the Cell Database Management Intro to Applied Statistics for IS&T Humanities & Fine Arts Course Social Science Course Semester Total: Cumulative Total:	3 3 3 3 3 3 15	CHE CHE BIO CSC CIS Elec Year 4	EM 3650 EM 3654 01 4890 CI 4830 CT 3110	Course Title Fundamentals of Biochemistry Fundamentals of Biochemistry Lab Computerized Genetic Sequence Analysis Intro to Software Engineering IT Ethics Free Elective Semester Total: Cumulative Total:	3 1 3 3 3 3 3 16
BIOL 3020 CSCI 4850 CIST 2500 GenEd GenEd	Course Title Molecular Biology of the Cell Database Management Intro to Applied Statistics for IS&T Humanities & Fine Arts Course Social Science Course Semester Total: Cumulative Total: Eall	3 3 3 3 3 3 3 3 3 3 73	CHE CHE BIO CSC CIS Elec Year 4	EM 3650 EM 3654 01 4890 Cl 4830 T 3110 ctive	Course Title Fundamentals of Biochemistry Fundamentals of Biochemistry Lab Computerized Genetic Sequence Analysis Intro to Software Engineering IT Ethics Free Elective Semester Total: Cumulative Total: Spring	3 1 3 3 3 3 3 16 89
BIOL 3020 CSCI 4850 CIST 2500 GenEd GenEd Course #	Course Title Molecular Biology of the Cell Database Management Intro to Applied Statistics for IS&T Humanities & Fine Arts Course Social Science Course Semester Total: Cumulative Total: <u>Fall</u> Course Title	3 3 3 3 3 3 3 3 3 3 7 3 Credits	CHE CHE BIO CSC CIS Elec Year 4 Year 4 BIO	EM 3650 EM 3654 01 4890 Cl 4830 T 3110 ctive course #	Course Title Fundamentals of Biochemistry Fundamentals of Biochemistry Lab Computerized Genetic Sequence Analysis Intro to Software Engineering IT Ethics Free Elective Semester Total: Cumulative Total: Spring Course Title	3 1 3 3 3 3 3 16 89
BIOL 3020 CSCI 4850 CIST 2500 GenEd GenEd Course # BIOI 4860 BIOI 4970	Course Title Molecular Biology of the Cell Database Management Intro to Applied Statistics for IS&T Humanities & Fine Arts Course Social Science Course Semester Total: Cumulative Total: Eall Course Title Bioinformatics Algorithms	3 3 3 3 3 3 3 3 3 3 7 3 Credits	CHE CHE BIO CSC CIS Elec Year 4 Year 4 BIO	EM 3650 EM 3654 0 4890 Cl 4830 T 3110 ctive Course # B 4870 0 4980	Course Title Fundamentals of Biochemistry Fundamentals of Biochemistry Lab Computerized Genetic Sequence Analysis Intro to Software Engineering IT Ethics Free Elective Semester Total: Cumulative Total: Spring Course Title Public Speaking Foundations	3 1 3 3 3 3 3 16 89
BIOL 3020 CSCI 4850 CIST 2500 GenEd GenEd Course # BIOI 4860 BIOI 4870 SQA 4150	Course Title Molecular Biology of the Cell Database Management Intro to Applied Statistics for IS&T Humanities & Fine Arts Course Social Science Course Semester Total: Cumulative Total: Eall Course Title Bioinformatics Algorithms Senior Project in Bioinformatics I	3 3 3 3 3 3 3 3 3 5 73 73 73 Credits 3 1	CHE CHE BIO CSS CIS Elec Vear 4 C BIO BIO BIO	EM 3650 EM 3654 Il 4890 CI 4830 T 3110 ctive Sourse # B 4870 Il 4980 hEd	Course Title Fundamentals of Biochemistry Fundamentals of Biochemistry Computerized Genetic Sequence Analysis Intro to Software Engineering IT Ethics Free Elective Semester Total: Cumulative Total: Spring Course Title Public Speaking Foundations Advanced Bioinformatics	3 1 3 3 3 3 3 3 3 3 5 5 6 6 89 5 7 6 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
BIOL 3020 CSCI 4850 CIST 2500 GenEd GenEd Course # BIOI 4860	Course Title Molecular Biology of the Cell Database Management Intro to Applied Statistics for IS&T Humanities & Fine Arts Course Social Science Course Semester Total: Cumulative Total: Curse Title Bioinformatics Algorithms Senior Project in Bioinformatics I Advanced Statistical Methods for IS&T Advanced Composition for IS&T	3 3 3 3 3 3 3 3 3 7 3 7 3 7 3 7 3 7 3 7	CHE CHE BIO CSC CIS Elec Vear 4 C BIO BIO BIO Gen Gen	EM 3650 EM 3654 Il 4890 CI 4830 T 3110 ctive Sourse # B 4870 Il 4980 hEd	Course Title Fundamentals of Biochemistry Fundamentals of Biochemistry Computerized Genetic Sequence Analysis Intro to Software Engineering IT Ethics Free Elective Semester Total: Cumulative Total: Spring Course Title Public Speaking Foundations Advanced Bioinformatics Social Science/Global Diversity Course	33 1 33 33 33 33 33 36 6 89 89 57 57 57 57 57 57 57 57 57 57 57 57 57
BIOL 3020 CSCI 4850 CIST 2500 GenEd GenEd BIOL 4860 BIOI 4860 BIOI 4970 SQA 4150 CIST 3000	Course Title Molecular Biology of the Cell Database Management Intro to Applied Statistics for IS&T Humanities & Fine Arts Course Social Science Course Semester Total: Cumulative Total: Eall Course Title Bioinformatics Algorithms Senior Project in Bioinformatics I Advanced Statistical Methods for IS&T	3 3 3 3 3 3 3 3 3 7 3 7 3 7 3 7 3 7 3 7	CHE CHE BIO CSC CIS Elec Vear 4 C BIO BIO BIO Gen Gen	EM 3650 EM 3654 I 4890 CI 4830 CI 4830 CI 4830 CI 4830 CI 4830 CI 4880 I 4980 Ed Ed Ed	Course Title Fundamentals of Biochemistry Fundamentals of Biochemistry Lab Computerized Genetic Sequence Analysis Intro to Software Engineering IT Ethics Free Elective Semester Total: Curnulative Total: Curnulative Total: Course Title Public Speaking Foundations Advanced Bioinformatics Social Science/Global Diversity Course Humanities & Fine Arts/US Diversity Course	33 1 33 33 33 33 33 36 6 89 89 57 57 57 57 57 57 57 57 57 57 57 57 57
BIOL 3020 CSCI 4850 CIST 2500 GenEd GenEd BIOI 4860 BIOI 4860 BIOI 4970 SQA 4150 CIST 3000 CSCI 4150 DI	Course Title Molecular Biology of the Cell Database Management Intro to Applied Statistics for IS&T Humanities & Fine Arts Course Social Science Course Semester Total: Cumulative Total: Cumulative Total: Eall Course Title Bioinformatics Algorithms Senior Project in Bioinformatics I Advanced Statistical Methods for IS&T Advanced Composition for IS&T Graph Theory & Applications or	3 3 3 3 3 3 3 3 5 73 73 73 73 73 73 73 73 73 73 73 73 73	CHE CHE BIO CSC CIS Elec Year 4 Year 4 BIO BIO Ger BIO or	EM 3650 EM 3654 I 4890 CI 4830 T 3110 ttive Sourse # B 4870 I 4980 TEd DEd L 4130	Course Title Fundamentals of Biochemistry Fundamentals of Biochemistry Lab Computerized Genetic Sequence Analysis Intro to Software Engineering IT Ethics Free Elective Semester Total: Cumulative Total: Cumulative Total: Course Title Public Speaking Foundations Advanced Bioinformatics Social Science/Global Diversity Course Humanities & Fine Arts/US Diversity Course Molecular Genetics or	3 3 3 3 3 3 3 3 3 3 5 5 5 5 7 5 7 5 7 5
BIOL 3020 CSCI 4850 CIST 2500 GenEd GenEd BIOL 4860 BIOL 4860 BIOL 4970 SQA 4150 CIST 3000 CSCI 4150	Course Title Molecular Biology of the Cell Database Management Intro to Applied Statistics for IS&T Humanities & Fine Arts Course Social Science Course Semester Total: Cumulative Total: Curse Title Bioinformatics Algorithms Senior Project in Bioinformatics I Advanced Statistical Methods for IS&T Advanced Composition for IS&T	3 3 3 3 3 3 3 3 5 73 73 73 73 73 73 73 73 73 73 73 73 73	CHE CHE BIO CSC CIS Elec Year 4 Year 4 BIO BIO Ger BIO or	EM 3650 EM 3654 I 4890 CI 4830 CI 4830 CI 4830 CI 4830 CI 4830 CI 4880 I 4980 Ed Ed Ed	Course Title Fundamentals of Biochemistry Fundamentals of Biochemistry Lab Computerized Genetic Sequence Analysis Intro to Software Engineering IT Ethics Free Elective Semester Total: Curnulative Total: Curnulative Total: Course Title Public Speaking Foundations Advanced Bioinformatics Social Science/Global Diversity Course Humanities & Fine Arts/US Diversity Course Molecular Genetics	3 3 3 3 3 3 3 3 3 3 5 5 5 5 7 5 7 5 7 5