		<u>B</u>	ACHEL	OR OF SCIENCE						
Stu ID:				Date:						
Name:				Advisor:						
Major	Biochemistry - BS			Catalog:		2017-2018				
Minor:				Grad Dat	e:					
		_								
Biochemistry Major Courses Minimum of 13 courses; Minimum 30 credits required; 25 credits must be from SU										
	Minimum of 13	3 courses;	Minimum 3	30 credits required; 25 cr	edits	must be from SU				
Course	Course Name	Grade	Credit	B.S. Core	:		Grade	Credit		
CHE51-153	Principles of General Chemistry			BIO50-12	3	Living Systems				
CHE51-143	Principles of General Chemistry w/ Tutorial			BIO50-12	1	Investigation into Living Systems				
Take the follow	ving courses:			BIO50-13	3	Molecular and Population Genetics				
CHE51-151	Chemical Methods and Techniques Lab			BIO50-13	1	Investigation into Genetics				
CHE51-163	Chemical Kinetics & Equilibrium			CHE51-1	53	Principles of General Chemistry	MAJOR	0		
CHE51-161	Chemical Kinetics & Equilibrium Lab			CHE51-1	51	Chemical Methods and Techniques Lab	MAJOR	0		
CHE51-543	Organic Chemistry I*			CHE51-16	63	Chemical Kinetics & Equilibrium	MAJOR	0		
CHE51-541	Organic Chemistry I Lab*			CHE51-16	31	Chemical Kinetics & Equilibrium Lab	MAJOR	0		
CHE51-553	Organic Chemistry II for Majors*			MAT52-1	54	Calculus I				
CHE51-561	Organic Chemistry II Lab for Majors*			PHY53-15	54	Fundamentals of Physics I				
CHE51-564	General Biochemistry I for Majors*			PHY53-16	64	Fundamentals of Physics II				
CHE51-584	General Biochemistry II*			· —		m the following:				
CHE51-822	Chemistry Literature Seminar			MAT52-1		Introduction to Statistics				
	m the following Capstones:		-	MAT52-2		Calculus II	SC	0		
CHE51-912	Senior Research Capstone			CSC54-18		Computer Science I	00	Ů		
CHE51-922	Senior Lit. Seminar Capstone			1		Toompater colonies :				
020. 022	University Electives and/or Minor (optional):									
Select one from	m the following:			- Chilversia	<i>y</i> =	Control unitari minor (optionar).				
CHE51-634	Inorganic Chemistry and Biological Systems									
CHE51-644	Instrumentation in Environmental & Biological Analysis									
CHE51-714	Physical Chemistry: Thermodynamics & Kinetics									
	-564 and CHE51-584 must be taken at Southweste	rn Univer	nitre	-						
	from CHE51-543/541 or CHE51-553/561 must be ta		•	n						
Select one from	m the following:	Grade	Credit							
CHE51-684	Advanced Topics in Biochemistry									
CHE51-604	Pharmaceutical Chemistry									
CHE51-694	Biochemistry of Nucleic Acids									
Take the follow		•	•	•						
BIO50-232	Methods in Cellular/Molecular Biology									
	ditional Cellular/Molecular BIO course w/ lab (must be	upper leve	e/)	·						
BI050-XXX			1							
	porting Courses:									
MAT52-254	Calculus II									
		•	•	· <u></u>						
		GENER	AL EDU	CATION REQUIREM	EN1	<u>rs</u>				
	At least 3	30 total cre	edits require	ed, minimum 3 credits red	uirec	d per course				
	General Education Part I					Exploration & Breadth - GE Part II				
First Year/Adv	. Entry Seminar:			_		Six total courses				
						and elective courses cannot be used to satisfy E &				
UST05-014 or UST05-214				Additiona	illy, ti	he BIO courses taken under the major requirements E & B requirements.	will not sa	atisfy the		
Foreign Langu	lage (3 sem)			Select on	9 001	urse from each of the four following areas:				
T Oreigit Larigu	lage (3 sem.)			Humanitie		uise from each of the four following areas.				
				Tramamile						
				Natural C		<u> </u>				
0	0		1	Natural S			00			
Social Justice	Course (may double count with any requirement):		1	MAT52-25		Calculus II	SC	0		
				Social Sci	ence	98 <i>:</i> 				
2 different FRA	As:		1	1						
			-	Fine Arts:		T				
	L		1	Color to	204-	ditional courses from the form areas listed at	uraaa			
						ditional courses from the four areas listed above. Co different areas and from different subjects from abov				
				courses:						
Total Earned C	Credits:	0								
Total Southwe	stern Credits:									
Total Major Cr	edits:	0		*Public	Sne	aking, College Writing and Creative Writing courses	may not o	ount in		
Total Gen Ed (Credits:	0		I dolle	2000	Exploration & Breadth	, 1101.0			

A minimum cumulative grade point average of 2.0 and a minimum of 127 credits are required to earn a degree at Southwestern. 64 credits must be completed in residence, including the last 32 credits. No more than 56 credit hours may be counted in one subject area. Graduation requirements within the major include a minimum of 30 credits, at least 60% must be upper-level, 60% taken in residence and 50% of courses taken at Southwestern, within the major, must be upper level. No grade below "C-" may be counted toward the major or minor. Minors require a minimum of 18 credits, 12 must be taken at Southwestern and 12 must be upper level. With the exception of FRAs and the FY/AES seminar, all gen.ed. requirements require a minimum of 3 credits, including Fine Arts Performance. For a complete list of graduation requirements, see catalog.

Graduation Requirements:	1	Notes:
Minimum of 127 credits:		
Cumulative GPA > 2.0		
GPA > 2.0 for Major and/or Areas of Concentration		
All grades C- or higher in major/minor/core?		
At least 64 credits completed at Southwestern*		
Less than 56 credits of any 5 digit prefix**		
Major credits completed (min 30 required)		
60% of Major courses completed at Southwestern (25cr)		
50% of SU Major courses are upper level		
60% of Major courses are upper level (25cr)		
Gen Ed has minimum of 30 credits		
Minor (optional):		
Minimum 18 credits		
Minimum 12 upper level credits		
Minimum of 12 credits taken at Southwestern		
Minimum 2.0 minor courses CGPA		
Other:		
Degree Audit Completed (Due one year before grad date)		
Graduation Application Submitted (Due last semester)		
Approved to be part time in last semester?		