	3+1 ACADEMIC PLAN CHEMISTRY-HEALTH SCIENCES									
Course	FALL FRESHMAN						RESHMAN	I		
BO	1 (1	Course Number		Course Title		Course			Course Title	
CHEM   1103   3   General Chemistry     CHEM   1223   3   General Chemistry     CHEM   1224   2   General Chemistry	NG 1	1113	3	English Composition		ENG	1213	3	English Composition & Research	
MATH   2153   3   Bocalculus   2   General Chemistry I Lab   MATH   2153   3   Bocalculus   5   STAT   2103   3   3   Introduction to Statistic for Sciences   TOTAL 15 HOURS	310 12	1204	4	Biology I for Majors		BIO	1225	5	Biology II for Majors & Lab	
MATH   2153   3   BioCalculus   5   STAT   2103   3   Introduction to Statistics for Sciences	CHEM 11	1103	3	General Chemistry I		CHEM	1223	3	General Chemistry II	
SUMMER   FESHMAN	CHEM 13	1112	2	General Chemistry I Lab/Rec		CHEM	1232	2	General Chemistry II Lab	
Mathematical Profession	MATH 21	2153	3	BioCalculus		STAT	2103	3	Introduction to Statistics for Sciences	
Course Number Prefix Prefix Prefix Course Number Prefix CHEM         Course Number Prefix Hours         Credit Hours         Course Number Hours         Credit Hours         Course Number Hours         Course Num				TOTAL 15 HOURS					TOTAL 16 HOURS	
Course Number Prefix Prefix Prefix CHM 1905         Course Title         Image: CHEM 1905         Course Number Prefix Hours         Cr	SUMMER FRES	ESHMAN								
CHEM         3312         2         Organic Chemistry I Lab         I <th< td=""><td>Course</td><td></td><td></td><td>Course Title</td><td></td><td></td><td></td><td></td><td></td></th<>	Course			Course Title						
HUTH	CHEM 33	3303	3	Organic Chemistry I						
HLTH	CHEM 33	3312	2							
Pall Solution   Pall Soluti	HLTH 1	1112	2							
Pall SOPHOMORE				TOTAL 7 HOURS						
Course Prefix Prefix         Course Number Prefix Hours         Course Title         Course Prefix Prefix         Course Number Prefix         Course Number Hours         Course Title           CHEM         3323         3         Organic Chemistry II         CHEM         2104         4         Quantitative Analysis & Lab           CHEM         3332         2         Organic Chemistry II Lab         CHEM         2621         1         Professionalism in Chemistry I           BIO         2203         3         Cell Biology         PHY         1214         4         General Physics II & Lab           PHY         1114         4         General Physics II & Lab         PSY         1103         3         American National Government           MCOM         1113         3         Fundamentals of Speech         POL         1113         3         American National Government           SUMMER SOURCE         TOTAL 15 HOURS				TOTAL / HOOKS						
Prefix   Course Number   Hours   Course Title   Prefix   Course Number   Hours   Course Title										
CHEM   3332   2   Organic Chemistry    Lab   CHEM   2621   1   Professionalism in Chemistry	Prefix					Prefix			Course Title	
BIO   2203   3   Cell Biology	CHEM 33	3323	3	Organic Chemistry II		CHEM	2104	4	Quantitative Analysis & Lab	
PHY	CHEM 33	3332	2	Organic Chemistry II Lab		CHEM	2621	1	,	
MCOM 1113 3 Fundamentals of Speech POL 1113 3 American National Government  TOTAL 15 HOURS  SUMMER SOPHOMORE Course Prefix Course Number Prefix Course Title  ESRE with OSU-CHS XXXX3 3 Elective Life Skill (NTRN 1513 or FNRL 3483 rec)  TOTAL 3 HOURS  FALL JUNIOR  Course Prefix Course Number Prefix Course Number Prefix Course Title  FOUR SPRING JUNIOR  COURSE Number Prefix Course Number Prefix Course Title  Hours Course Number Prefix Course Number Prefix Course Title  COURSE Number Prefix Course Number Prefix Course Title  COURSE Number Prefix Course Number Prefix Course Title  HOURS COURSE Number Prefix Course Number Prefix Course Title  CHEM 3454 4 Fundamentals of Instrumental Analysis & Lab  EIGH 3621 1 Professionalism in Chemistry II  EIGH 3621 1 Professionalism in Chemistry II  EIGH 3621 1 Microbiology for Majors & Lab  EIGH 3621 1 Microbiology for Microbiology for Micro	310 22	2203	3			PHY	1214	4	General Physics II & Lab	
SUMMER SOPHOMORE Course Prefix Course Number XXXX3 3 Elective Life Skill (NTRN 1513 or FNRL 3483 rec)  TOTAL 3 HOURS  SPRING JUNIOR  FALL JUNIOR  Course Number Prefix Number Prefix Course Number Prefix Number Prefix Course Number Prefix Num	PHY 11	1114	4	General Physics I & Lab		PSY	1103	3	General Psychology	
SUMMER SOPHOMORE  Course Prefix  Course Number   Credit Hours    ESRE with OSU-CHS    XXXX3   3   Elective Life Skill (NTRN 1513 or FNRL 3483 rec)    TOTAL 3 HOURS   SPRING JUNIOR    Course Number Prefix    Course Number Hours    Course Number Hours    Course Number Hours    Course Title    Course Number Hours    Course Title    Course Title    Course Title    Course Number Hours    Course Title    Course Title	MCOM 11	1113	3	Fundamentals of Speech		POL	1113	3	American National Government	
Course Prefix       Course Number       Credit Hours       Course Title       Image: Course Number Prefix       Credit Hours       Course Title       Image: Course Number Prefix       Credit Hours       Course Number Prefix       Course Number Prefix       Credit Hours       Course Title       Course Number Prefix       Course Number Hours       Credit Hours       Course Title         CHEM       3454       4       Fundamentals of Instrumental Analysis & Lab       CHEM       3/4XX3       3       Introduction to Physical Chemistry         CHEM       3054       4       Microbiology for Majors & Lab       HUM       2113 or 2223       3       General Humanities				TOTAL 15 HOURS					TOTAL 15 HOURS	
Course Prefix       Course Number       Credit Hours       Course Title       Image: Course Number Prefix       Credit Hours       Course Title       Image: Course Number Prefix       Course Number Hours       Course Title       Course Prefix       Course Number Hours       Credit Hours       Course Title         CHEM       3454       4       Fundamentals of Instrumental Analysis & Lab       CHEM       3/4XX3       3       Introduction to Physical Chemistry         BIO       3054       4       Microbiology for Majors & Lab       HUM       2113 or 2223       3       General Humanities	SUMMER SOP	PHOMORE	i							
XXX3 3 Elective Life Skill (NTRN 1513 or FNRL 3483 rec)	Course			Course Title						
FALL JUNIOR       SPRING JUNIOR         Course Prefix Prefix       Course Number Hours       Credit Hours       Course Prefix Hours       Course Prefix Prefix       Course Number Prefix Hours       Course Title         CHEM       3454       4       Fundamentals of Instrumental Analysis & Lab       CHEM       3203       3       Introduction to Physical Chemistry         CHEM       3621       1       Professionalism in Chemistry II       CHEM       3/4XX3       3       Upper Division CHEM Elective (CHEM 4103 rec)         BIO       3054       4       Microbiology for Majors & Lab       HUM       2113 or 2223       3       General Humanities				ESRE with OSU-CHS						
FALL JUNIOR       Course Prefix Prefix     Course Number Prefix     Credit Hours     Course Prefix Hours     Course Prefix Prefix     Course Prefix Prefix     Course Number Prefix Hours     Credit Hours     Course Title       CHEM     3454     4     Fundamentals of Instrumental Analysis & Lab     CHEM     3203     3     Introduction to Physical Chemistry       CHEM     3621     1     Professionalism in Chemistry II     CHEM     3/4XX3     3     Upper Division CHEM Elective (CHEM 4103 rec)       BIO     3054     4     Microbiology for Majors & Lab     HUM     2113 or 2223     3     General Humanities	XX	XXX3	3	Elective Life Skill (NTRN 1513 or FNRL 3483 rec)						
FALL JUNIOR       Course Prefix Prefix     Course Number Prefix     Credit Hours     Course Prefix Hours     Course Prefix Prefix     Course Prefix Prefix     Course Number Prefix Hours     Credit Hours     Course Title       CHEM     3454     4     Fundamentals of Instrumental Analysis & Lab     CHEM     3203     3     Introduction to Physical Chemistry       CHEM     3621     1     Professionalism in Chemistry II     CHEM     3/4XX3     3     Upper Division CHEM Elective (CHEM 4103 rec)       BIO     3054     4     Microbiology for Majors & Lab     HUM     2113 or 2223     3     General Humanities				TOTAL 3 HOURS						
Course PrefixCourse NumberCredit HoursCourse TitleCourse PrefixCourse NumberCredit HoursCourse TitleCHEM34544Fundamentals of Instrumental Analysis & LabCHEM32033Introduction to Physical ChemistryCHEM36211Professionalism in Chemistry IICHEM3/4XX33Upper Division CHEM Elective (CHEM 4103 rec)BIO30544Microbiology for Majors & LabHUM2113 or 22233General Humanities							<u> </u>			
CHEM 3454 4 Fundamentals of Instrumental Analysis & Lab CHEM 3203 3 Introduction to Physical Chemistry  CHEM 3621 1 Professionalism in Chemistry II CHEM 3/4XX3 3 Upper Division CHEM Elective (CHEM 4103 rec)  BIO 3054 4 Microbiology for Majors & Lab HUM 2113 or 2223 3 General Humanities	COLUMNO		Credit	Course Title		+		Credit	Course Title	
CHEM 3621 1 Professionalism in Chemistry II CHEM 3/4XX3 3 Upper Division CHEM Elective (CHEM 4103 rec) BIO 3054 4 Microbiology for Majors & Lab HUM 2113 or 2223 3 General Humanities	refix					+		1		
BIO 3054 4 Microbiology for Majors & Lab HUM 2113 or 2223 3 General Humanities				·						
									, , ,	
CHEM 3403 3 Biochemistry XXX3/4 3-4 Foreign Lang/Cultural Analysis						HUM				
LUCT 1402 or 1402 2 LUC History						DLIII	•	+		
HIST         1483 or 1493         3         US History         PHIL         XXX3         3         Philosophy	1151   12	1483 Or 1493	3	US HISTORY		PHIL	XXX3	3	Philosophy	
TOTAL 15 HOURS TOTAL 15-16 HOURS				TOTAL 15 HOURS					TOTAL 15-16 HOURS	
TAKE MCAT BEFORE THE END OF APRIL!										
Student will take the MCAT the spring of their Junior Year.	Student will to	take the MCAT the	spring of	their lunior Year						
Student will have to turn in Med School Application and additional paperwork to Chem dept to satisfy Capstone Req.					tisfy Canst	one Rea.	<u>I</u>	<u> </u>	<u>I</u>	
Experimental Biochem (CHEM 3442) and 3 hours of UD CHEM electives will be met with Med School coursework										