Bachelor of Science in Chemistry Chemistry Major Advising Worksheets^{\$}

General Studies for B.S. degree:									
	UNICATION: (6-9	total)		SELF AND CULTURAL					
(grade of C or better):				AWARENESS: (17-18 total)					
3	ENG 101	Col. Comp. I							
	AND			e Arts (one cour					
3	ENG 102	Col. Comp. Π	3	FA 101	FA as human exp.				
_	OR		3	ART 140	Apr. of art major				
3	ENG 103	Adv. Col. Comp.	3	ART 340	Hist of west. Art I				
3	COM 101*	Fund. Of Com.	3	ART 341	Hist of west. Art II				
			3	ART 343	Surv. non-west. Art				
	SIS: (20-21 total)	7	•	1 mm 1 a a a					
	one from each block	as directed):	3	MUS 130	Music Appreciation				
_	titative:	NT . NT F .1	3	MUS 132	Jazz Appreciation				
3	MATH 102	Nature of Math	3	MUS 133	Rock Appreciation				
3	MATH 140	Coll. Alg.		TTT 100	773				
3	MATH 145	PreCal	3	THE 100	Theater Apprec.				
3	MATH 160	Intro to stats	3	THE 300	Hist. of theater				
5	MATH 210	Calc I	**	,,	74				
~ .	45 / 6	. \	Perceptions and Cultures: one course from 4 groupings:						
	tific: (one from each	n)							
1 .	fe Sciences:	N	3	GEO 205					
4	BIO 105&106	Non-majors	3	GEO 206	World Geo.				
4	BIO 124&125	Bio Principles	•	DOT 0 101	Dol and Core				
To1			3	POLS 101					
	ysical Sciences:	Found Of Chan	3	POLS 201	Nat'l Gov				
4	CHEM 100&101	Found. Of Chem	2	SOC 150	Basic soc.				
4	CHEM 110&111	Gen. Chem 1	3						
4	PHYS 101&110	Elem. Phys	3	SWK 201	Cult. Awareness				
4	PHYS 190&191	Phys. World	2	REL XXX	0777				
4	PHYS 345&346	Earth & Space	3 3	SPAN XXX	any				
C-141	al Dandinas (assess	a)	3	FREN XXX	any				
3	cal Reading: (one co ENG 200-400		3	SPA 252	any				
3	.ENG 200-400	Any merature	٥	SFA 232					
			3	HE 250					
20 1 201				one course from following:					
	omics/Finance: (on	e course) Prin. Microeco.	one	course from Jo	www.ng.				
3	ECON 103	гиш, мистоесо,	3	HIST 103	Hist. of Civ I				
3	ECON 104 FIN 131	Fin. Literacy	3	HIST 103	Hist. of Civ II				
3	T.TIA 121	rm. Literacy	3	HIST 210	US to 1865				
Logic/Critical Assessment: (one course)				HIST 210	US since 1865				
	PSYC 101	Intro. to Psyc.	3	11101 211	OB 9IIIOO 1000				
3	PHIL 100-400	-							
3	LING 150	Any Intro to Ling.							
'	THO IN	muo to Ding.							

^{*}COM 101 is required of all students; General Studies English may be completed by successfully passing ENG 101 and ENG 102 OR ENG 103 only. Entrance to ENG 103 is based on ACT/SAT test scores.

Required courses in Sciences and Mathematics									
CHEMISTRY: (38 total)			PHYSICS: (8 total)						
1 CHI 3 CHI 1 CHI 3 CHI 1 CHI 3 CHI 3 CHI 3 CHI 3 CHI 4 CHI 4 CHI 4 CHI 1 CHI 1 CHI 1 CHI 3 CHI 1 CHI	EM 112 EM 113 EM 320 EM 321 EM 340 EM 341 EM 342 EM 400 EM 420 EM 420 EM 464 EM 465 EM 465 EM 466 EM 467 EM 480 EM 481 EM 481	Gen. Chem. II Gen. Chem. II lab Analytical Chem. Analytical Chem. Lab Org. Chem. I Org. Chem. I lab Org. Chem. II lab Inorg. Chem. Instrumental Instrumental Lab Phys. Chem. I Phys. Chem. II Biochem. I Biochem. I Biochem. I Biochem. I Biochem. I Biochem. Capstone	CHEMIS Choose an RESTRIC BIO 300 1	MATICS: (8 total) MATH 210 MATH 211 TRY ELECTIVES	Calc. & Ana. Geo. I Calc. & Ana. Geo. II S: (9-18 total)* course — as per advisor ES (0-12)* pove				

^{*}Chemistry and Restrictive electives must total at least 18 hours

- CHEM 110/111 must be taken as part of General studies
- 120 credit hours are required to graduate from West Liberty with a B.S.; 40 of those hours must be 300-400 level courses.
- The Chemistry major requires at least a "C" in each required math and science course within the program.
- SThese worksheets are to be used as a guide. Each student is responsible for their curriculum and meeting the requirements for graduation as stipulated in the college catalog.
- Courses may not be offered every semester and/or year; please consult with your Chemistry advisor for sequencing.