CHEMICAL and BIOMOLECULAR ENGINEERING Recommended CHBE Course Sequence Upon Transfer to UMCP

Transfer - Summer Semester 2012				Transfer - Spring Semester 2013		
Course		Cr	(Course		
CHBE 101	Intro to Chemical & Biomolecular Engineering	3	(CHBE 424	Chem. and Biomolecular Transport Phenomena II	
CHBE 250	Computer Methods in Chemical Engineering	3	(CHBE 426	Chemical and Biomolecular Separation Processes	
CHBE 301	CHBE Thermodynamics I	3	(CHBE 333	Communication Skills for Engineers	
CHBE Credits		9	(CHBE Credits		
Transfer - H	Fall Semester 2012		7	Fransfer - F	all Semester 2013	
Course		Cr		Course		
BIOE 120	Biology for Engineers	3	(СНВЕ 437	Chemical & Biomolecular Engineering Laboratory	
CHBE 410	Statistics and Experimental Design	3	(CHBE 442	Chemical & Biomolecular Systems Analysis	
CHBE 422	Chem. and Biomolecular Transport Phenomena I	3	(CHBE 444	Process Engineering Economics and Design I	
CHBE 440	Chemical Kinetics & Reactor Design	3	(CHBE Cred	its	
CHBE Credits		12	7	Transfer - Spring Semester 2014		
Transfor V	Vinter Semester 2013		(Course		
Course	vinter semester 2013	Cr	(CHBE 446	Process Engineering Economics and Design II	
CHBE 302	CHBE Thermodynamics II NOTE: Transfer student sequence for this course is tentative pending Undergraduate Studies Committee decision.	3	(CHBE Cred	its	
			2 2	NOTE: This lists the recommended CHBE course sequence for students transferring for 2012. This does not include the other require		
CHBE Credits		3	C	distribution, chemistry, and technical elective courses needed to complete the BS CHBE deg		
			I	For complete	e BS CHBE degree course	

CHBE erring for fall er required al elective CHBE degree. For complete BS CHBE degree course requirements, please refer to: <u>UMCP BS Chem.</u> & Biomolecular Eng. Curriculum

Cr

3

3

1

Cr

3

3

3

Cr

3

3

CHEMICAL and BIOMOLECULAR ENGINEERING Recommended CHBE Course Sequence Upon Transfer to UMCP

& Biomolecular Eng. Curriculum

Transfer - Spring Semester 2013			Transfer - Spring Semester 2015			
Cr	•	Course		Cr		
		CHBE 424	Chem. and Biomolecular Transport Phenomena II	3		
gineers 3		CHBE 426	Chemical and Biomolecular Separation Processes	3		
6		CHBE 333	Communication Skills for Engineers	1		
13	_	CHBE Credits		7		
Cr		CIED CICLIA				
dynamics I 3	٠.	Transfer - Fall Semester 2015				
.,	_	Course		Cr		
3		CHBE 437	Chemical & Biomolecular Engineering Laboratory	3		
2014		CHBE 442	Chemical & Biomolecular	3		
Cr	•		Systems Analysis			
nods in Chemical 3		CHBE 444	Process Engineering Economics and Design I	3		
dynamics II 3		CHBE Cred	its	9		
6		Transfer - Spring Semester 2016				
		Course		Cr		
		CHBE 446	Process Engineering Economics	3		
CI			and Design II			
Experimental 3		CHBE Credits				
		NOTE: This lists the recommended CHBE course sequence for students transferring for				
		spring 2013. This does not include the other required distribution, chemistry, and technelective courses needed to complete the BS		1		
tics & Reactor 3						
	cal & 3 Engineering gineers 3 6 13 Cu dynamics I 3 2014 Cu nods in Chemical 3 dynamics II 3 6 14 Cu experimental 3 molecular aomena I 2014 Cu experimental 3	Cr cal & 3 Cngineering gineers 3 6 13 Cr dynamics I 3 2014 Cr nods in Chemical 3 dynamics II 3 6 14 Cr Experimental 3 molecular 3 molecular 3 momena I	Cr Course Cal & 3 CHBE 424 Cngineering gineers 3 CHBE 426 CHBE 333 CHBE Cred Cr dynamics I 3 CHBE 437 ChBE 437 ChBE 442 Cr Cr Course ChBE 444 Cr Cr ChBE 444 Cr Cr ChBE 444 Cr Cr ChBE 444 Cr Cr ChBE 446 Cr Cr Course ChBE 446 Cr Cr Course ChBE 446 Cr Cr Cr Course ChBE 446 Cr Cr Cr Course ChBE 446 Cr Cr Cr Cr Course ChBE 446 Cr C	Cr Course Cal & 3 CHBE 424 Chem. and Biomolecular Transport Phenomena II ChBE 426 Chemical and Biomolecular Separation Processes CHBE 333 Communication Skills for Engineers Cr Cr ChBE Credits Cr C		