

**Exhibit B**

**UAA curriculum for transfer to WSU BS Chemical Engineering and suggested course sequence**

<b>UAA Fall freshman</b>	<b>credits</b>	<b>WSU Equivalent</b>	<b>Course</b>
CHEM A105/L	4	CHEM 105, PSCI	Principles of Chemistry I
Diversity (ANTH A101, A202 or A361)	3	DIVR for WSU UCORE	
ECON A201 or A202	3	ECONS 101 or 102 SSCI	Fundamentals of Micro/Macroeconomics
MATH A251, MATH A200	4	MATH 171 QUAN	Calculus I
ENGL A111	3	ENGLISH 101, WRTG	College Composition
<b>UAA Spring freshman</b>			
BIOL A115 or A116	4	BIOLOGY 106 or 107 BSCI	Intro. to Biol: Organismal or Cell Biol & Genetics
CHEM A106/L	4	CHEM 106	Principles of Chemistry II
MATH A252, MATH A201	4	MATH 172	Calculus II
Humanities (PHIL A201, A301, A302, A303, A304, A314)	3	HUM for UCORE	
<i>Waive</i>		CHE 110	Intro. to Chemical Engineering
PHYS A130 or Placement Test, UAA requirement	3/0		
(option to enroll in Intro to Engr. or elective credits)			
<b>UAA Fall Sophomore</b>			
CHEM A321	3	CHEM 345	Organic Chemistry I
ENGL A212 or ENGL A414	3	ENGLISH 402 COMM	Technical Writing
MATH A253, MATH A202	4	MATH 273	Calculus III
PHYS A211, A211L	4	PHYSICS 201 PSCI UCORE	Physics for Scientists & Engineers I
Tech elective such as STAT A307, ES A302, no equivalency required	3	Departmental Tech Elective, departmental/advisor approval	
<b>UAA Spring Sophomore</b>			
CHEM A322 and A323L	5	CHEM 348	Organic Chemistry II and Problem Solving
MATH A314	3	MATH 220	Introductory Linear Algebra
MATH A302	3	MATH 315	Differential Equations
PHYS A212, A212L	4	PHYSICS 202 UCORE PSCI	Physics for Scientists & Engineers II

Arts (ART A160, or MUS A121 or ART A261, A262)	3	ARTS for UCORE	
<b>Summer Sophomore at WSU</b>			
CHE 201	3		Chemical Process Principles & Calculations
HISTORY 105	3	ROOTS	Roots of Contemporary Issues

The remainder of the courses must be completed through WSU in accordance with the chemical engineering curriculum published in the WSU catalog at the time of transfer to WSU and certification into the chemical engineering program. See <http://www.catalog.wsu.edu/> for additional program requirements.