PURDUE UNIVERSITY REQUEST FOR ADDITION, DELETION, OR REVISION OF A COURSE

SCHOOL DOCUMENT NO. 69-00

GRADUATE COUNCIL DOCUMENT NO.

DEPARTMENT Agricultural & Biological Engineering DATE SUBMITTED 519101 DATE EFFECTIVE Summer 'OI				
INSTRUCTIONS: Please check the items below which describe the purpose of this request.				
4. Change in course number at same level 11 5. Downgrading of course level 12 6. Upgrading of course level 13		9. Change in course credit/t 10. Change in cour se attribut 11. Change in instructional he 12. Change in prerequisites 13. Change in description of	Change in course credit/type Change in cour se attributes Change in instructional hours Change in prerequisites	
EXISTING:	PROPOSED:		SEMESTERS OFFERED	
Subject Abbreviation Course Number 310 Subject Abbreviation ABE Subject				
Abbreviated Title THEFTH FOOD & BIOLSYST Abbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)				
	CREDIT TYPE 1. Fixed Credit: Cr. Hrs. 3 2. Variable Credit Range: Minimum Cr. Hrs (Check One) To Maximum Cr. Hrs. 3. Equivalent Credit: Yes No 4. Thesis Credit: Yes No	- vp	/ lit by Examination	
<u>Type</u> <u>Hours</u> <u>Type</u>	Matls Base	Hours	CAMPUS(ES) INVOLVED Calumet Fort Wayne Indianapolis North Central West Lafayette Off Campus	
COURSE DESCRIPTION (PREREQUISITES INCLUDED): Sem. 1, Class 3, cr. 3. Prerequisite: ABE 210 or equivalent. Basic concepts of thermodynamic energy and entropy functions applied to food and biological systems. Equations of state, phase rule, non-ideality, fugacity, activity models, vapor-liquid equilibria, colligative properties, osmotic pressure, ionic solutions, active transport, ATP cycle, characterization of macromolecules, chemical reaction equilibria. Calumet Undergrad Curriculum Committee Date Calumet Department Head Date Calumet School Dean Date				
Fort Wayne Department Head	Date Fort Wayne School Dean	Date Fort Wayne Chap Appr. for Fac	ulty sulla #944	
	Date Indianapolis School Dean Lau L Ranelt Date North Central Vice Chapceller Dean	Date Undergrad Curricu		
West Parayette Department Head	Date West Lafayette School Dearly - Eng	72 May of Graduate Council		
Graduate Area Committee Convener	Date Graduate Dean	Date West Lafayette Re	egistrar Date	