Office of the Registrar FORM 40 REV. 2/99

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

SCHOOL DOCUMENT NO. 46-03

GRADUATE COUNCIL DOCUMENT NO. 04–38a Spring 2006 4/19/04 DATE EFFECTIVE 1/5/05

DEPARTMENT Biomedical Engineering

DATE SUBMITTED 4/19/04

Signature for the device company (see company) and the company of						
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 7. Change in course title 14			Change in cour se attributes Change in instructional hours Change in prerequisites Change in description of course content Transfer of course from one dept. to another			
EXISTING:	PROPOSED:			SEMESTERS OFFERED		
Course Number 595 Proposed Title Biomedical Fluid Dyn	5 Course Number 541 lical Fluid Dynamics			Check All That Apply. Summer Fall Ag Winter Spring		
Variable Title Yes No						
Abbreviated Title BME Fluid Dynamic Abbreviated title will be entered by	cs the Office of the Registrar if omitted.	(22 CHARACTERS ONL	_Y)			
CROSS LISTED COURSES	2. Variable Credit Range: Minimum Cr. Hrs (Check One) To Maximum Cr. Hrs.	No X	 Pass/No Repeatal Available Designat Special F 	TRIBUTES: Check All Th t Pass Only ble for Credit for Credit by Examinat for Required Fees Required for Enrollmer Department Instructor	ion	
Type Hours Type Primary 3.0 Aul Secondary Ind Laboratory Clir	o-tutorial . Study	Type H Thesis Observation Matter Percent	class FTE ours	CAMPU Calumet Fort Way Indianap North Ce West La Off Cam	yne olis entral fayette	
COURSE DESCRIPTION (PREREQUISIT Prerequisites: Senior or Graduate standing; Advanced principles of convective diffusion and diffusion boundary layers in internal flor arterial wall, and fluid dynamics of vasculate	ME309 or equivalent. (Offered in al of fluids pertaining to the body, part ws with reactive and/or permeable w	icularly vascular circu valls, Brownian motion	ulation. Topics n, blood rheolo	include blood flow in a gy, transport in blood, I	rteries, convective mass transport to the	
					D.1.	
Calumet Undergrad Curriculum Committee	Date Calumet Department Head		Date Calur	met School Dean	Date	
Fort Wayne Department Head	Date Fort Wayne School Dean		Date Fort	Wayne Chancellor	Date 10/20/04	
Indianapolis Department Head	Date Indianapolis School Dean			ergrad Curriculom Committe	Date	
North Central Department Head Japan Roberts Department Head 10/10	Date North Central Vice Chancel	m- 10	Date Date	Approved by Graduate Co	uncil eist 2/2/05	
West Lafayette Department Head	Date West Lafayette School Dea			bia K.	Shuts	
Graduate Area Committee Convener	Date Graduate Dean		Date Wes	Lafayette Registrar	Date	