

<b>BME 535</b>	<b>Information Processing in Biomedical Engineering</b>						
<b>Catalog Data</b>	Methods for evaluating different approaches in signal processing systems for biomedical applications; provides familiarity with the variety of exciting software and hardware systems.						
<b>Course Total Credit Hours:</b>	<b>3</b>	<b>Lecture:</b>	<b>3</b>	<b>Laboratory:</b>	<b>-</b>	<b>Project</b>	<b>-</b>
<b>Prerequisites:</b>	PHSL 410A, CHEM 444 or consent of instructor.						
<b>Course Coordinator:</b>	Biomedical Engineering Faculty						
<b>Textbooks</b>							
Biomedical Signal Analysis: A Case-Study Approach by Rangaraj M. Rangayyan, 2001.							
<b>References</b>							
1. Biomedical Signal Processing and Signal Modeling by Eugene N. Bruce, 2000. 2. Elements of Information Theory by T.M. Cover and J.A. Thomas, 1991.							
<b>Goals</b>	To familiarize the students with the tools and techniques for extracting and processing information from biomedical-related signals						
<b>Projects</b>							
<b>Major CAD Packages</b>							
<b>Last Review:</b>	<b>Spring Semester 2008</b>			<b>Signature:</b>			