SENATE POLICY 3-03

Motion: to approve the Minor in Applied Physics

Passed at the January 14, 2003 meeting of the Academic Senate

APPROVALS:

Louise Lutze-Mann Chair, Academic Senate

President, CSU Channel Islands

PROPOSAL TO OFFER A MINOR IN FALL 2003

Proposed Name of Minor:	Applied Physics		
·	Geoff Dougherty, Ph.D.		
Faculty Proposing Minor:			
1. Catalog Description:			
environment of digital diagnostic imagin	e fundamental concepts of physics and applies them to the high-tech g. The program stresses transferable skills and critical thinking, and will wrther opportunities for employment within the health-care and associated		
2. Justification for Proposed Minor (< 100	words):		
understanding to new scientific and techn traditional disciplines. This Minor would related fields. It would be particularly eff	ental concepts and analytic training enables students to apply their nological frontiers that are developing rapidly at the interface between more prepare students for a career in imaging, biomedical technology or health-fective in combination with a major in Computer Science, Math or Biology. The eady in place, or planned collaboratively.		
3. Total Number of Units in the Minor (inc	luding pre-/ co-requisites):		
25-26 UNITS			
4. Lower-Division Requirements (including	g pre-/ co-requisites):		
12 Units Required			
MATH 150 Calculus I (4)	그 그는 그는 그는 이 사람들은 그리고 그리고 그 얼룩살아		
PHYS 200 General Physics I (4)			
PHYS 201 General Physics II (4)	ng makanasa na katalan katalan na matalan na Matalan makanasa na matalan na ma		
5. Upper-Division Requirements (includin	g pre-/ co-requisites):		
10 Units Required	- Participal (1997) - 1997 - 199		
PHYS/COMP/MATH 352 Digital Image PHYS/BIOL/COMP/HLTH 434 Introduce Pattern Recognition (3) PHYS/BIOL 464 Medical Instrumentation	action to Biomedical Imaging (3) or PHYS/COMP 435 Image Analysis and		

6. Lower and Upper-Division Electives (if any):		
3-4 Units Required		
One of the following:		
COMP 410 Computer Applications in Biomedical COMP 431 Bioinformatics (4)	Fields (3)	
COMP 490 Topics in Computer Science (3)		
		14.00
7. Additional Facilities/ Faculty/ Resources Needed to	o Offer the Minor (if any):	
No other facilities/faculty/resources are needed be	yond the CSUCI planned facilities and facult	у.
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Review and Approval:		
1. <u>Curriculum Committee Approval</u> :		
Curriculum Chair:		
2. Academia Sanata Anarousti		
2. Academic Senate Approval:		
Chair Academic Senate:	Date [.]	

3. Administration Approval:

President (or designee):