

DOCTOR OF ENGINEERING (ABE) PLAN OF STUDY

Name:		ID No.:	
DATE:	email:	SPECIALIZATION: ABE	
REQUIRED: Minimum of <u>90 credits beyond the BS degree, including 39 credits of coursework</u> , or <u>60 credits beyond the MS degree, including 20 credits of coursework</u> .			
A. Advanced engineering math – minimum 2 courses (6 credits) <i>Allowable courses are listed on the DRE website. Please enter the course name in the provided box.</i>		Semester	Grade
BME 770 Biomedical Signal Processing		CR	
		CR	
B. Graduate non-engineering courses — minimum 2 courses (6 credits) <i>Courses must be taken outside the College of Engineering. These courses may be 500 level or above. They must be approved by your research advisor. The courses must be acceptable for credit towards the graduate degree of the offering department.</i>			
BIO 624/824 Foundations of Biomedical Physiology		CR	
		CR	
C. Research Communications – minimum 1 course (3 credits) <i>A list of approved Research Communication courses are provided on the DRE web page.</i>			
		CR	
D. Specialization Requirements – minimum 12 credits			
BME 553/753 Cell and Tissue Biology		CR	
BME 658/758 Medical Devices		CR	
BME 850 Applied Biomedical Engineering Seminar		CR	
BME 580 Biomedical Instrumentation		CR	
BME 655/755, 659/759, or 651/751		CR	
E. Specialization Electives – minimum 12 credits <i>Any engineering course at the 600 or 700 level or higher approved by your advisor.</i>			
		CR	
		CR	
		CR	
		CR	
		CR	
F. Additional course credits <i>Any graduate level course at 600, 700 or 800 level acceptable for credit towards the graduate degree of the offering department.</i>			
G. TOTAL COURSE CREDITS – minimum 39 credits (or 20 credits with MS)			CR
At least 20 credits of coursework taken at CSU?		yes	no

H. Doctoral Research Credits – min. 30 CREDITS of 895 and 899					
<i>A maximum of 10 credits of Doctoral Research may be applied towards the minimum 30 credit DISSERTATION RESEARCH requirement.</i>					
<i>A minimum of 20 credits of Dissertation is necessary towards the minimum 30 credit DISSERTATION RESEARCH requirement.</i>					
895 Doctoral Research - only maximum of 10 credits can count for DRE					
CR	SEM	GRADE	CR	SEM	GRADE
CR	SEM	GRADE	CR	SEM	GRADE
CR	SEM	GRADE	CR	SEM	GRADE
899 Dissertation - minimum of 20 credits					
CR	SEM	GRADE	CR	SEM	GRADE
CR	SEM	GRADE	CR	SEM	GRADE
CR	SEM	GRADE	CR	SEM	GRADE
CR	SEM	GRADE	CR	SEM	GRADE
I. Additional Credits (including transfer credits)			Credits	Semester	Grade
J. TOTAL CREDITS (90 hours minimum or 60 hours minimum with MS)					CR
K. Total credits at CSU (60 hours minimum)					CR

L. SATISFACTORY COMPLETION OF QUALIFYING EXAMINATION <i>Qualifying examination must be completed before 24 credit hrs have been taken in the doctoral program.</i>	
DATE: _____	
M. APPROVALS	
o Student : _____	DATE _____
o Academic advisor: _____	DATE _____
o Research advisor: _____	DATE _____
o GAC Chair: _____	DATE _____