DOCTOR OF ENGINEERING IN APPLIED BIOMEDICAL ENGINEERING
PLAN OF STUDY

STUDENT_____ ID No. _____ DATE:_____

REQUIRED: MINIMUM OF 60 SATISFACTORY CREDITS BEYOND THE MASTER'S DEGREE

A. REQUIRED CORE COURES

	CREDITS	**SEM**	**GRADE**
CHE 751 BIOMEDICAL ENGINEERING	3 CR	FALL	
CHE 752 TISSUE ENGINEERING	3 CR	FALL	
CHE 755 BIOMATERIALS	3 CR	SPR	
CHE 757 MEDICAL DEVICE/DESIGN	3CR	SPR	

B. DOCTORAL MATHEMATICS - 8 CREDITS (ESC 702 & 706 recommended for ABE)

ESC 702 APPLIED ENG ANALYSIS I	4 CR	_____
ESC 706 APPLIED ENG ANALYSIS II	4 CR	_____
ESC 706 APPLIED ENG ANALYSIS III	4 CR	_____

C. GRADUATE NON-ENGINEERING COURSES — minimum 8 Credits: (See note 1)

_____ _____	__ CR	_____
_____ _____	__ CR	_____
_____ _____	__ CR	_____

D. 700-LEVEL ENGINEERING ELECTIVES — 1 COURSE

_____ _____	__ CR	_____

E. OTHER ELECTIVES:

_____ _____	__ CR	_____
_____ _____	__ CR	_____

TOTAL GRADUATE CREDITS ____ (minimum 30 CR)

F. DISSERTATION CREDITS of CHE 895 and CHE 899 (minimum 30 CR HRS: 10- 895 & 20- 899)

CHE 895 DOCTORAL RESEARCH (1 - 9 Credits/SEM): (maximum 10- see note 3)

AY __-__: **SEM** FALL __ **CR** __ **SEM** SPR __ **CR** __ **SEM** SUM __ **CR** __

AY __-__: **SEM** FALL __ **CR** __ **SEM** SPR __ **CR** __ **SEM** SUM __ **CR** __

Total CHE 895 = ____

CHE 899 DISSERTATION (1 - 9 Credits/SEM) : (minimum 20)

AY __-__: **SEM** FALL __ **CR** __ **SEM** SPR __ **CR** __ **SEM** SUM __ **CR** __

AY __-__: **SEM** FALL __ **CR** __ **SEM** SPR __ **CR** __ **SEM** SUM __ **CR** __

Total CHE 899 = ____

TOTAL Dissertation Credits: _____

See other side →

G. SATISFACTORY COMPLETION OF QUALIFYING EXAMINATION	DATE : _____/__
H. SATISFACTORY COMPLETION OF DISSERTATION ORAL EXAM	DATE : _____/__

I. APPROVALS:

o STUDENT _____ DATE _____

o Dissertation Committee Chair _____ DATE _____

o Research Advisor (if different from chair)_____ DATE _____

J. DISSERTATION COMMITTEE:

Committee Chairperson: _____

Research Advisor (if different from Chairperson): _____

Advisory committee: (see note 5)

o _____ o _____

o _____ o _____

o _____ o _____

K. NOTES:

1. Courses must be taken outside the College of Engineering. These courses may be 500, 600, 700, or 800 level, but, must be applicable to your research and approved by you advisor.
2. The student must propose a dissertation chairperson/advisor and advisory committee before completing 24 credit hours of course work.
3. A maximum of 10 credits of Doctoral Research (CHE 895) may be applied to dissertation credit.
4. Qualifying examination must be completed before 32-credit hrs. beyond master's degree have been taken.
5. The Dissertation Committee must consist of a minimum of 5 graduate faculty members. One must be from outside the College of Engineering. The Chair **or** Co-Chair MUST be CSU Graduate Faculty.