



DEPARTMENT OF KINESIOLOGY

EXERCISE SCIENCE MAJOR Pre Professional Tennis Management Certification

<u>REQUIRED COURSES:</u>		<u>Credits</u>	<u>Sem</u>	<u>Prerequisites</u>
KIN 200	Human Anatomy (BIO 222)	4	F/S	
KIN 202	Introduction to Writing in Exercise Science	1	F/S	
KIN 208	Introduction to Nutrition	3	F/S	
KIN 221	Anatomical Kinesiology	4	F	KIN 200
KIN 222	Exercise Physiology	3	F/S	BIO 221
KIN 223	Exercise Physiology Laboratory	1	F/S	BIO 221
KIN 250	Research Methods in Kinesiology	4	F/S	MATH 210
KIN 323	Clinical Exercise Physiology	3	F/S	KIN 222 & 223; BIO 221
KIN 324	Clinical Exercise Physiology Lab	1	F/S	KIN 222 & 223; BIO 221
KIN 383	Biomechanics	4	S	KIN 200, KIN 221
KIN 422	Regulation of Human Metabolism	4	F/S	KIN 222, 223, & 250; CHEM 103, or 125/127

KIN 299 Internships (Waived in lieu of PTM related Internship Experience)

29 Total Credits

REQUIRED CORE COURSES:

GEMS 160/	(If you did not take chemistry in high school)	4	S	
CHEM 103	Introduction to Biological Chemistry	4	S	High School Chemistry or
GEMS 160				
OR				
CHEM 125/127	General Chemistry I & Laboratory	4	F	High School Chemistry
OR				
CHEM 131/132	Intensive General Chemistry	4	F	2 yrs of HS Chem or ACT
	math>30			
BIOL 221	Human Physiology & Laboratory	4	F	
MATH 210	Introductory Statistics	4	F/S	

12 Total Credits

REQUIRED PTM CERTIFICATION COURSES:

KIN 301	Motor Development	3	S	
KIN 325	Science of Conditioning, Strength, & Power	4	F	KIN 222 & 223
KIN 371	Performance Psychology	3	F/S	
KIN 372	Performance Psychology Lab	1	F/S	
KIN 330	Philosophy of Coaching	3	S	
KIN 2**	PTM Practicum I	2	May	
KIN 3**	PTM Practicum II	2	May	KIN 2***
KIN 299	PTM Internships	4	F/S	

22 Total Credits