

## Course requirements for MS in Kinesiology non-Thesis track

(These courses will be offered in the order shown. Based on application/ admission date, students will either start in the “A” year, and then proceed to the “B” year; or start in the “B” year and proceed to the “A” year).

### **Fall A** (2013, 2015, 2017, etc.)

Kines 721 - Neural Basis for Movement 3 cr.

Kines 773 - Cardiorespiratory Adaptations to Environment and Exercise 3 cr

Kines 991 - Research in Physical Activity- Theory and Design 2 cr

### **Spring A**

Kines 700 - Psychological Effects of Exercise. 3 cr

Kines 791 - Physical Activity Epidemiology 3 cr

Elective –2 cr\*

### **Fall B** (2014, 2016, 2018, etc.)

Kines 618 - Biomechanics 2 cr

Ther Sci 713 - Neural Basis of Normal and Pathological Movement. 3 cr

Elective –3 cr\*

### **Spring B**

Kines 774 - Metabolic Response to Ex and Environ 2 cr

Kines 861 - Principles of Motor Control and Learning 3 cr

Elective - 3 cr\*

**\*Electives** (student chooses, based on personal interests/goals, from this list **or any other** 500-level or higher numbered courses on campus)

Kines 521 – Physical Activity and Health – 3 cr

Kines 523 – Clinical Exercise Testing and Training – 3 cr

Kines 614 – Biological Factors Influencing Exercise Performance – 3 cr

Kines 779 – Human Muscle function in Health and Disease – 2 cr

Kines 785 – Human Occupation and Health – 3 cr

Kines 900 – Seminar in Kinesiology – 1 cr

C & I 744 – Perspectives in Multicultural Education – 3 cr.

C & I 746 – The Adult Learner: Implications for Curriculum and Instruction. – 3 cr.

Nutritional Sciences 625 – Advanced Nutrition: Obesity and Diabetes – 1 cr.

Physiology 725 – Muscle Biology - 2cr.

[Posted to Kines. Web Site: July 2014)