**EXERCISE PHYSIOLOGY SPECIALIZATION – 11 credit hours:**
- EXSC 666 Exercise Physiology (3)
- EXSC 667 Exercise Physiology Laboratory Methods (2)
- EXSC 766 Advanced Exercise Physiology: Cardiopulmonary (3)
- EXSC 769 Advanced Exercise Physiology: Skeletal Muscle (3)

**HEALTH PROMOTION SPECIALIZATION – 11 credit hours:**
- EXSC 640 Physical Activity and Health (3)
- EXSC 669 Exercise, Testing, and Prescription (2)
- EXSC 671 Advanced Lifestyle and Chronic Disease Prevention (3)
- EXSC 673 Advanced Obesity and Weight Management (3)

**PHYSICAL MED & REHAB SPECIALIZATION – 18 credit hours:**
- EXSC 560 Orthopaedic Pathomechanics (2)
- EXSC 668 Orthopaedic Anatomy (4)
- EXSC 625R Adv Topics in P M & Rehab (12)

**SUPPORTING AREAS – Enroll in enough hours (Ex Phys: +20 minimum; HP: +20 minimum; PM&R: +13 minimum) to complete your 60-hour program that add depth and breadth to your program of study from: 1) one or more of the following suggested supporting areas, 2) any required EXSC class from any specialization, or 3) any additional classes approved by your dissertation committee and graduate coordinator:**

**Exercise Sciences (Prerequisites: EXSC 362, 455, or equivalents.)**
- EXSC 661 Advanced Worksite Wellness (3)
- EXSC 662 Kinematics (2)
- EXSC 663 Neuromechanical Signal Collection and Processing (2)
- EXSC 664 Biomechanical Modeling (3)
- EXSC 665 Computer Programming for Kinesiology (3)

**Physiology and Developmental Biology (Prerequisites: PDBio 362 or PDBio 363)**
- PDBio 561 Physiology of Drug Mechanisms (3)
- PDBio 562 Reproductive Physiology (3)
- PDBio 565 Endocrinology (3)
- PDBio 601 Cellular & Molecular Physiology (3)
- PDBio 664 Cardiovascular and Respiratory Physiology (2)

**Chemistry & Biochemistry and Microbiology & Molecular Biology (Prerequisites: Chem 481, Chem 482)**
- Chem 581 Advanced Biochemical Methodology 1 (3)
- Chem 583 Advanced Biochemical Methodology 2 (3)
- Chem 584 Advanced Biochemistry Methods 1 (2)

**Health/Wellness**
- HLTH 602 Principles of Epidemiology (3)
- HLTH 604 Principles of Biostatistics (3)
- HLTH 608 Determinants of Health Behavior (3)
- HLTH 612 Program Planning and Evaluation (3)
- HLTH 618 Survey and Research Methods (3)
- HLTH 630 Small-Group Health Promotion Interventions (3)

**Nutrition (Prerequisites: NDFS 300, 356, 435, 466, 601, 602 or instructor’s consent)**
- NDFS 601 Advanced Human Nutrition 1 (3)
- NDFS 602 Advanced Human Nutrition 2 (3)
- NDFS 631R Selected Topics in FSN (0.5–3)
- NDFS 632 Diet & Cancer (2)