Current KINSMS-ADMS Concentration Coursework

Adapted Movement Science Concentration: (33 hours)

|  |  |
| --- | --- |
| **Required Research Component** |  |
| [ESRM 5393](https://nextcatalog.uark.edu/search/?P=ESRM%205393) | Statistics in Education and Health Professions | 3 |
| or [ESRM 6403](https://nextcatalog.uark.edu/search/?P=ESRM%206403) | Educational Statistics and Data Processing |
| [HHPR 5353](https://nextcatalog.uark.edu/search/?P=HHPR%205353) | Research in Health, Human Performance and Recreation | 3 |
| **Required Courses** |  |
| [EXSC 5323](https://nextcatalog.uark.edu/search/?P=EXSC%205323) | Biomechanics I | 3 |
| [EXSC 5513](https://nextcatalog.uark.edu/search/?P=EXSC%205513) | Physiology Exercise I | 3 |
| [KINS 5423](https://nextcatalog.uark.edu/search/?P=KINS%205423) | Assessment and Prescriptive Programming in Adapted Movement Science | 3 |
| [KINS 5413](https://nextcatalog.uark.edu/search/?P=KINS%205413) | Adapted Movement Science | 3 |
| **Required Project or Thesis** |  |
| [KINS 589V](https://nextcatalog.uark.edu/search/?P=KINS%20589V) | Independent Research | 3-6 |
| or [KINS 600V](https://nextcatalog.uark.edu/search/?P=KINS%20600V) | Master's Thesis |
| Approved Electives | 9-12 |
| **Total Hours** | **33** |

Current KINSMS-EXSC Concentration Coursework

 Exercise Science Concentration: (33 hours)

|  |  |
| --- | --- |
| **Required Research Component** |  |
| [ESRM 5393](https://nextcatalog.uark.edu/search/?P=ESRM%205393) | Statistics in Education and Health Professions | 3 |
| or [ESRM 6403](https://nextcatalog.uark.edu/search/?P=ESRM%206403) | Educational Statistics and Data Processing |
| [HHPR 5353](https://nextcatalog.uark.edu/search/?P=HHPR%205353) | Research in Health, Human Performance and Recreation | 3 |
| **Required Courses** |  |
| [EXSC 5513](https://nextcatalog.uark.edu/search/?P=EXSC%205513) | Physiology Exercise I | 3 |
| [EXSC 5323](https://nextcatalog.uark.edu/search/?P=EXSC%205323) | Biomechanics I | 3 |
| [EXSC 5593](https://nextcatalog.uark.edu/search/?P=EXSC%205593) | Practicum in Laboratory Instrumentation | 3 |
| **Required Project or Thesis** |  |
| [KINS 589V](https://nextcatalog.uark.edu/search/?P=KINS%20589V) | Independent Research | 3-6 |
| or [KINS 600V](https://nextcatalog.uark.edu/search/?P=KINS%20600V) | Master's Thesis |
| Approved Electives | 12-15 |
| **Total Hours** | **33** |

New EXSCMS Coursework

Course List

|  |  |
| --- | --- |
| **Required Research Component (6 Credits)** |  |
| ESRM 5393 | Statistics in Education and Health Professions | 3 |
| HHPR 5353 | Research in Health, Human Performance and Recreation | 3 |
| **Required Core Courses (9 Credits)** |  |
| EXSC 5323 | Biomechanics I | 3 |
| EXSC 5513 | Physiology Exercise I | 3 |
| EXSC 5593 | Practicum in Laboratory Instrumentation | 3 |
| **Required Project or Thesis (3-6 Credits)** |  |
| KINS 589V | Independent Research | 1-3 |
| KINS 600V | Master's Thesis | 1-6 |
| **Approved Electives (12-15 Credits)** |  |
| EXSC 5333 | Instrumentation in Biomechanics | 3 |
| EXSC 5353 | Exercise Psychology | 3 |
| EXSC 5443 | Seminar in Brain Injury and Behavior | 3 |
| EXSC 5523 | Muscle Metabolism in Exercise | 3 |
| EXSC 5533 | Cardiac Rehabilitation Program | 3 |
| EXSC 5543 | Cardiovascular Function in Exercise | 3 |
| EXSC 5613 | Physical Dimensions of Aging | 3 |
| EXSC 5643 | Advanced Psychology of Sports Injury and Rehabilitation | 3 |
| EXSC 5773 | Performance and Drugs | 3 |
| EXSC 6313 | Muscle Physiology | 3 |
| EXSC 6323 | Biomechanics II | 3 |
| EXSC 6343 | Physiology of Exercise II | 3 |
| EXSC 6443 | Thermoregulation and Fluid Balance | 3 |
| **Total Credits Required for Degree: 33 Credits** |  |