KINESIOLOGY GRADUATE CERTIFICATE (PENDING SCHEV APPROVAL)

Banner Code: E1-CERG-KNES

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Note: as of catalog publication in April, the program described below has been approved by the Board of Visitors and sent to the State Council of Higher Education in Virginia for consideration as a new degree program. The university cannot accept applications or enroll students in this program until SCHEV approval has been granted.

The term Tactical Athlete (TA) can refer to firefighters, police officers, emergency medical personnel, and soldiers in all branches of the military. The unique physical requirements of the TA require high levels of fitness and the ability to perform strenuous tasks with little to no warning. For all TA fields, fitness testing, fitness, and injury prevention are inherently part of the culture. The United States Bureau of Labor reports average to above average growth of firefighters, police, and military occupations over the next decade. According to data from 2015 there are 1.1 million (345,000 career, 815,000 volunteer) firefighters, over 800,000 police officers, and more than 1.2 million active duty military in the US.

The Kinesiology Graduate Certificate with a concentration in Tactical Athlete Strength, Conditioning and Injury Prevention features an 8 course, 24 credit, 100% online curriculum. The mission of the program is to provide graduates with foundational knowledge, skills and abilities to become leaders in tactical strength, conditioning and injury prevention. Throughout the curriculum, students will be provided a science-based approach toward the fields of exercise science, sports medicine, athletic training, exercise physiology, human performance and strength and conditioning. Upon graduation students will be prepared to enter the work force and immediately apply knowledge to improve the health and fitness of a tactical populations.

Admissions & Policies

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Admissions

Application Requirements
Applicants to all graduate programs at George Mason University must meet the admission standards and application requirements for graduate study as specified in Graduate Admissions. For specific information about this program, see Graduate Application Deadlines and Requirements on the College website (https://catalog.gmu.edu/admissions/graduate-policies).

Policies
For policies governing all graduate certificates, see AP.6.8 Requirements for Graduate Certificates (https://catalog.gmu.edu/policies/academic/graduate-policies/#ap-6-8).

Requirements

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Certificate Requirements
Total credits: 24
This certificate may be pursued on a part-time basis only.

Concentration in Tactical Athlete Strength, Conditioning & Injury Prevention (TSCI)

Required Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATEP 510</td>
<td>Advanced Functional Anatomy</td>
<td>3</td>
</tr>
<tr>
<td>EFHP 610</td>
<td>Advanced Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>EFHP 611</td>
<td>Movement and Fitness Assessment</td>
<td>3</td>
</tr>
<tr>
<td>EFHP 613</td>
<td>Advanced Applied Biomechanics</td>
<td>3</td>
</tr>
<tr>
<td>EFHP 640</td>
<td>Principles of Strength and Conditioning</td>
<td>3</td>
</tr>
<tr>
<td>EFHP 617</td>
<td>Corrective and Preventative Exercise Techniques</td>
<td>3</td>
</tr>
<tr>
<td>EFHP 598</td>
<td>Special Topics (students must earn 3 credits)</td>
<td>3</td>
</tr>
<tr>
<td>EFHP 794</td>
<td>Tactical Athlete Field Practicum</td>
<td>3</td>
</tr>
</tbody>
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Total Credits 24