

Project proposal template – Faculty studentships Summer 2014

<i>Project title</i>	<input type="text" value="Locomotive Patterns in Elite Soccer"/>	<i>Director of Study</i>	<input type="text" value="Dr Owen Spendiff"/>
<i>Second Supervisor</i>	<input type="text" value="James Brouner"/>	<i>School</i>	<input type="text" value="Life Sciences"/>
<i>Other members of supervisory team</i>	<input type="text"/>	<i>Any requirements from applicant (eg degree in specific subject area)</i>	<input type="text" value="Sports and Exercise Science degree or related discipline"/>

**Project summary
(max 1,000 characters)**

Soccer analysis has gained momentum due to the high impact of the research on applied functions of the sport. Developments in performance analysis have enabled researchers to gain an understanding of the varying nature of workload and locomotive actions across team units in soccer. Assessing specific locomotive patterns associated with player position, team formation, match status and match timing would enable coaches to formulate specific training plans, warm-ups and conditioning programmes to aid the athlete with the specific actions that occur during performance. Implementation of these plans may aid in the quality of movement associated with position needs and a reduction in injury occurrence.

The PhD applicant would be placed in a professional football team, as an intern analyst, for the duration of the project.