



SPORT SCIENCES

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Annual Intake: 220

WHY STUDY SPORT SCIENCES AT BRUNEL?

- ★ We offer some of the best university sports facilities in the UK and have an international reputation for sporting excellence. Up to 100 national sporting honours are achieved by our current students each year and we can boast Olympic, World, Commonwealth and European champions amongst our graduates.
- ★ We have forged strong links with sports personnel, organisations and institutions at local, regional, national and international levels.
- ★ Special study arrangements can be made for high-performance sports students. We also offer a range of sports scholarships.
- ★ Teaching is delivered by academic staff who have national and international reputations for their research. Some staff are accredited by the British Association of Sport and Exercise Sciences (BASES), enabling them to work with high performance athletes.

COURSES AT A GLANCE

Sport Sciences BSc	196
Sport Sciences (Coaching) BSc	196
Sport Sciences (Human Performance) BSc	196
Sport Sciences (Management of Sport Development) BSc	196
Sport Sciences (Physical Education and Youth Sport) BSc	196
Joint Honours:	
• Business Studies and Sport Sciences BSc	88, 196

Jane is a final year Sport Sciences student.



I chose to study at Brunel University primarily because of the sporting facilities on offer but also because of the good reputation that Brunel has for Sport Sciences.

I have studied all aspects of sport including biomechanics, physiology, psychology and sociology. The focus of the course has ranged from children right up to the elite high performance athlete.

The teaching team work hard to provide engaging lectures and seminars on current theory and cutting edge practices. This is supported by laboratory sessions, which provide a practical learning experience, often using state of the art equipment. The facilities available to Sport Sciences students at Brunel are second to none. The staff who are undoubtedly experts within their field, are approachable, very supportive and dedicated to helping each student follow their interests and maximise their potential during the three years.



ENTRY CRITERIA

GCE A-level BBB, including a science or social science subject or PE at A-level (General Studies/Critical Thinking accepted).

Advanced Diploma Progression
Diploma Grade B in Society, Health and Development, including an A-level at Grade B in a science, social science or physical education subject for Additional and Specialist Learning.

BTEC Level 3 Extended Diploma DDD in a sport or a science subject.

BTEC Level 3 Diploma DD in a sport or a science subject plus B in 1 A-level.

IBDP 32 points.

Access Pass (Access and mature students who have had substantial and relevant employment or experience are encouraged to apply).

A commitment to sport or exercise is expected from all applicants.

MODE OF STUDY/ UCAS CODES

SPORT SCIENCES BSc

C600 3-YEARS FULL-TIME;
6-YEARS PART-TIME

C602 4-YEARS THICK-SANDWICH

SPORT SCIENCES (COACHING) BSc

C603 3-YEARS FULL-TIME;
6-YEARS PART-TIME

CX61 4-YEARS THICK-SANDWICH

SPORT SCIENCES (HUMAN PERFORMANCE) BSc

C604 3-YEARS FULL-TIME;
6-YEARS PART-TIME

C605 4-YEARS THICK-SANDWICH

SPORT SCIENCES (MANAGEMENT OF SPORT DEVELOPMENT) BSc

CN68 3-YEARS FULL-TIME;
6-YEARS PART-TIME

CN6V 4-YEARS THICK-SANDWICH

SPORT SCIENCES (PHYSICAL EDUCATION AND YOUTH SPORT) BSc

CX63 3-YEARS FULL-TIME;
6-YEARS PART-TIME

CX6H 4-YEARS THICK-SANDWICH

BUSINESS STUDIES AND SPORT SCIENCES BSc

C6N1 3-YEARS FULL-TIME;
6-YEARS PART-TIME

NC1P 4-YEARS THICK-SANDWICH

Sport Sciences BSc

Check the Web for up-to-date course, entry criteria and fees information.

ABOUT THE COURSE

The Sport Sciences courses offered at Brunel aim to provide you with an understanding of the scientific basis of sport performance and the factors influencing personal and social behaviour across various domains. The courses consist of flexible learning opportunities that are integrative and multi-disciplinary in nature. In the first year all students study a broad range of related disciplines which facilitates the pursuit of specialist areas of study. These are reflected in the pathways below.

In addition to the generic Sport Sciences degree, we offer four specialised pathways that provide the opportunity to apply theoretical concepts to a specific area of study. For example:

Coaching: students learn methods used to plan, deliver, reflect on and modify coaching programmes and the techniques used to monitor and evaluate sports performance.

Human Performance: students practise techniques used to monitor, evaluate and enhance sports performance in laboratory or field settings, and learn how to design, conduct and analyse experiments with due regard to appropriate protocols, safety and participant consent.

Management of Sport Development:

students investigate the development of sports clubs and national and international level sport organisations. They develop knowledge of the function and policy making in sporting organisations in a political, historical, economical and social context.

Physical Education and

Youth Sport: students explore issues and values surrounding curriculum, pedagogy and policy. They develop an understanding of development, health and well being in relation to its application to children and young people.

Please note: If your training requirements and participation in high level sport increase, it may be possible to switch to part-time study.

COURSE CONTENT

Please check the website for modules on the specialist pathways.

TYPICAL MODULES

Level 1

- Analytical Skills in Sport and Physical Activity
- Anatomy and Biomechanics
- Coaching and Physical Education
- Foundations of Sport Physiology
- Sociology and the Management of Sport

CONTACT

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- The Psychology of Personal Development and Sport

Level 2

- Qualitative and Quantitative methods of Analysis (Core)
- Applied Sport and Exercise Physiology
- Biomechanical Analysis of Sport
- Child and Youth Development in Physical Education and Sport
- Management of Sport Development
- Principles of Coaching Effectiveness
- Promoting Sport
- Sporting Environments
- Sport and International Development
- Sport, Identity and Difference
- Theory and Application in Sport Psychology
- Training Applications for Sport and Exercise

Level 3

- Dissertation – Major Project (40 credits - Core)
- Applied Sport Psychology
- Biomechanical Analysis Techniques
- Media, Sport and Society
- Exercise in Special Populations
- Physical Education and Sport Pedagogy
- Physiology of the High Performance Athlete
- Professional Issues in Coaching and Physical Education
- Sport Events Management
- Sport, Globalisation and International Politics

TEACHING AND ASSESSMENT

Brunel offers excellent teaching and integrates pedagogical expertise that incorporates a wide range of teaching and learning strategies. You will be taught through various methods such as lectures, tutorials, workshops, practicals (including sports laboratory work and practical sports), computer-assisted sessions and seminars. You will receive one-to-one supervision in your final year project. There are a range of assessment methods, including individual projects, oral presentations, group projects, essays, case studies, practical vivas, laboratory report writing, written examinations, computer-based tests and practicals.

EMPLOYABILITY

As a future employee you will need to equip yourself with both specific sport sciences knowledge and a range of more generic skills which are valued in the workplace. To this end, we work with you to develop a 'personal development profile', which helps you to identify and works towards your specific needs and career goals.

PLACEMENTS

You will have the opportunity to gain professional experience working in prominent companies or organisations. Students who complete the thick-sandwich course will be awarded their degree 'with Professional Placement'.

CAREERS

We prepare you for a broad range of career opportunities in a wide range of sport-related jobs, in such areas as coaching, consultancy, fitness testing and training, higher education and research, sport development, sport management, teaching, and youth work.

Graduates have found positions with, among others, the UK and regional Sports Councils, national governing bodies for sport, international organisations, sports clothing/footwear companies, professional clubs and local authorities, as well as in the leisure industry, the pharmaceutical industry, and the armed forces.

Undergraduate study can prepare you for PGCert (Education) courses and Master's degrees.

JOINT HONOURS

You will select modules from those offered by each of the two subjects. Check the course page on the Web for more detailed information on the joint honours course.

Business Studies and Sport Sciences BSc

GCE A-level BBB, including a science or social science subject or PE at A-level. Refer to Business and Management, page 88.