BASES Undergraduate Endorsement Scheme (BUES) APPLICATION FORM

PART 1: INSTITUTIONAL DETAILS

1	**Institution Title**	
2	**Department Title**	
3	**Address**	
4	**Application Contact Person**	
5	**Phone Number**	
6	**Fax**	
7	**Email**	
8	**Programme Title (s)**	**Sport and Exercise Science**
9	**Extent of Provision**	**[X] Single Programme** **[ ] Specific Routes** **[ ] Joint Honours** **[ ] Multiple Programmes** **[ ] Other (Please specify)**
10	**Document Check List**	**[X] Endorsement Application Form** **[X] Covering Letter** **[X] Module Descriptors** **[X] The most recent course timetable** **[X] The Endorsement Application Fee*** **[X] Other Documents (Please specify) Equivalency table (pg1), Award Map (pg3-11), Course timetables (pg13-24)**
11	**Signature (Name, Position)**	

*The fee for the first course submitted is £1,000 + VAT. The Endorsement application fee for additional courses is £250 + VAT per course.

PART 2: CURRICULUM

1. Multidisciplinary Nature of Programme

Criteria	Programmes should engage students for a minimum of 10% of student effort time / programme credits in <u>each</u> of the three disciplinary areas of Biomechanics, Physiology and Psychology.						
AND							
Criteria	**A minimum of 50% of total student effort time / programme credits should be dedicated to the study of the three disciplinary areas – Biomechanics, Physiology and Psychology.**					***Office Use Only***	
Subject Area	**Module Title**	**Level**	**Credits claimed[*1]**	**% of programme credits.[*2]**	**Documentary reference[*3] (Within Module Descriptors)**	**Meets Criteria Y/N**	**Reviewer Comments**
Biomechanics Core Modules	**SP4001 – Applied Sport & Exercise Science I**	1	10 (33.3% module credits)		Page 25 - 27		
	SP4004 – Introductions to Biomechanics of Sport & Exercise	1	15		Page 33 - 34		
	SP5001 (SPX201) - Applied Sport & Exercise Science II	2	10 (33.3% module credits)		Page 43 - 46		
	SP5006 (SPS202)[A] – Biomechanics of Human Movement I	2	15		Page 65 - 68		
	SP6001 (SPX301) - Applied Sport & Exercise Science III	3	5 (33.3% module credits)		Page 101 - 104		
	SP6005 (SPS302)[A] - Biomechanics of Human Movement II	3	15	Total: **19.44%**	Page 117-120		

Biomechanics Optional Modules	**SP5008 (SPS211) – Performance Analysis for Elite Performance**	2	7.5 (50% module credits)		Page 73 - 76		
	SP5408/9 (SPX212/1) – Sport & Exercise Placement/Extended Placement	2	0-30 (0-100% module credits)		Page 93 - 100		
	SP6011 (SPX214) – Injury Prevention & Rehabilitation	3	7.5 (50% module credits)		Page 147 - 150		
	SP6407/8 (SPX312/1) - Sport & Exercise Placement/Extended Placement	3	0-30 (0-100% module credits)	Total: **0% - 18.75%**	Page 165 - 172		
Physiology Core Modules	**SP4001 - Applied Sport & Exercise Science I**	1	10 (33.3% module credits)		Page 25 - 27		
	SP4002 – Introduction to Anatomy & Physiology of Sport & Exercise	1	15		Page 29 - 30		
	SP5001 (SPX201) - Applied Sport & Exercise Science II	2	10 (33.3% module credits)		Page 43 - 46		
	SP5004 (SPX209)[A] – Physiology of Sport & Exercise	2	15		Page 55 - 58		
	SP6001 (SPX301) - Applied Sport & Exercise Science III	3	5 (33.3% module credits)		Page 101 - 104		
	SP6003 (SPS313)[A] – Applied Physiology for Exercise, Health & Sport Performance	3	15	Total: **19.44%**	Page 109 - 112		

Physiology Optional Modules	**SP5007 (SPX213) – Nutrition for Sport, Exercise & Conditioning I**	2	15		Page 69 - 72		
	SP5008 (SPS211) - Performance Analysis for Elite Performance	2	7.5 (50% module credits)		Page 73 - 76		
	SP5009 (SPX220) – Physical Activity Pathways & Exercise Referral	2	15		Page 77 - 80		
	SP5408/9 (SPX212/1) - Sport & Exercise Placement/Extended Placement	2	0-30 (0-100% module credits)		Page 93 - 100		
	SP6006 (SPS312) - Nutrition for Sport, Exercise & Conditioning II	3	15		Page 121 - 126		
	SP6007 (SPX234) – Cardiac Rehabilitation	3	15		Page 127 - 132		
	SP6009 (SPX315) – Environmental Physiology	3	15		Page 139 - 142		
	SP6010 (SPX323) – Biochemistry of Sport, Exercise & Health: Effects of Physical Activity	3	15		Page 143 - 146		
	SP6011 (SPX214) - Injury Prevention & Rehabilitation	3	3 (20% module credits)		Page 147 - 150		
	SP6012 (SPX322) – Mental Health, Exercise & Sport	3	15		Page 151 - 156		
	SP6407/8 (SPX312/1) - Sport & Exercise Placement/Extended Placement	3	0-30 (0-100% module credits)	Total: **0 - 20.83%**	Page 165 - 172		

Psychology Core Modules	**SP4001 - Applied Sport & Exercise Science I**	1	10 (33.3% module credits)		Page 25 - 27		
	SP4003 – Introduction to Psychology of Sport & Exercise	1	15		Page 31 - 32		
	SP5001 (SPX201) - Applied Sport & Exercise Science II	2	10 (33.3% module credits)		Page 43 - 46		
	SP5005 (SPX206/8)[A] – Psychology of Sport & Exercise	2	15		Page 59 - 64		
	SP6001 (SPX301) - Applied Sport & Exercise Science III	3	5 (33.3% module credits)		Page 101 - 104		
	SP6004 (SPX313)[A] – Application of Sport & Exercise Psychology	3	15	Total: **19.44%**	Page 113 - 116		
Psychology Optional Modules	**SP5408/9 (SPX212/1) - Sport & Exercise Placement/Extended Placement**	2	0-30 (0-100% module credits)		Page 93 - 100		
	SP6008 (SPS311) – Performance Psychology	3	15		Page 133 - 138		
	SP6011(SPX214) - Injury Prevention & Rehabilitation	3	4.5 (30% module credits)		Page 147 - 150		
	SP6407/8 (SPX312/1) - Sport & Exercise Placement/Extended Placement	3	0-30 (0-100% module credits)	Total: **0% - 20.83%**	Page 165 - 172		

Total % of student effort time/programme credits dedicated to physiology, psychology & biomechanics: All Level 4 modules are compulsory Max of 5 (15 credit) optional choices over Level 5 & 6 **The "A" symbol** In Level 5 & 6: two of the three core Modules need to be chosen (i.e. biomechanics, physiology & psychology). This means that if one discipline loses both level 5 & 6 modules the % of programme reduces to 11.11% but still providing the mandatory 50% total.	A minimum of 50% of their credits come from core modules of the three subjects. To complete the Sport and Exercise Science degree 50 % of their credits are accumulated in the core disciplines. **Min = 50%** **Max = 70.83%**		

*1 State total number of credits or hours attributed to unit/module or the fractional equivalent for units where only partial coverage offered.
*2 State the sum of credits or hours for all units in each discipline as a percentage of the programme total.
*3 State location with page numbers of unit descriptors/outlines in supporting documents.

PART 2: CURRICULUM

2. Provide opportunities for interdisciplinary study

Criteria	A minimum of 5% of student effort time/programme credits should be dedicated to providing students with exposure to the interdisciplinary study of sport and exercise science. This should be at either level two or three.						
						Office Use Only	
Subject Area	**Module Title**	**Level**	**Credits claimed[*1]**	**% of programme credits.[*2]**	**Documentary reference[*3]**	**Meets Criteria Y/N**	**Reviewer Comments**

Interdisciplinarity	**Mandatory** **SP5001 (SPX201) - Applied Sport & Exercise Science II**	2	30		Page 43 - 46		
	SP6001 (SPX301) - Applied Sport & Exercise Science III	3	15	Total: **12.5%**	Page 101 - 104		
	Optional **SP5007 (SPX213) - Nutrition for Sport, Exercise & Conditioning I**	2	15		Page 69 - 72		
	SP5008 (SPS 211) - Performance Analysis for Elite Performance	2	15		Page 73 - 76		
	SP5009 (SPX220) - Physical Activity Pathways & Exercise Referral	2	15		Page 77 - 80		
	SP5408/9 (SPX212/1) - Sport & Exercise Placement/Extended Placement	2	15 or 30	Total: **0 – 20.83%**	Page 93 - 100		
	SP6006 (SPS312) - Nutrition for Sport, Exercise & Conditioning II	3	15		Page 121 - 126		
	SP6007 (SPX324) - Cardiac Rehabilitation	3	15		Page 127 - 132		
	SP6011 (SPX214) - Injury Prevention & Rehabilitation	3	15	Total: **12.5%** mandatory and up to a max of **33.33%** with optional	Page 147 - 150		
	SP6407/8 (SPX312/1) - Sport & Exercise Placement/Extended Placement	3	15 or 30		Page 165 - 172		

*1 State total number of credits or hours attributed to unit/module or the fractional equivalent for units where only partial coverage offered.
*2 State the sum of credits or hours for all units in each discipline as a percentage of the programme total.
*3 State location with page numbers of unit descriptors/outlines in supporting documents.

PART 2: CURRICULUM

3. Develop Research Skills and Scientific Method

Criteria	**To develop the students' skills in experimental design, data analysis and other aspects of research methods, programmes must include at least 5% of student effort time/programme credits in '*research methods*'.**						
AND							
	A major piece of independent study in the form of a research project or similar in the field of sport and exercise science. This will normally be located in the final level of study and should comprise not less that 5% of the total student effort time/programme credits.					***Office Use Only***	
Subject Area	**Module Title**	**Level**	**Credits[*1]**	**% of programme credits.[*2]**	**Documentary reference[*3]**	**Meets Criteria Y/N**	**Reviewer Comments**
Research Methods	**SP4005 – Introduction to Research Methods**	1	15		Page 35 - 36		
	SP5002 (SPX204) – Research Methods	2	15	Total: **8.33%**	Page 47 - 50		
Independent Research	**SP6002 (SPX333) – Independent Project**	3	30	Total: **8.33%**	Page 105 - 108		

*1 State total number of credits or hours attributed to unit/module or the fractional equivalent for units where only partial coverage offered.
*2 State the sum of credits or hours for all units in each discipline as a percentage of the programme total.
*3 State location with page numbers of unit descriptors/outlines in supporting documents.

PART 3: PRACTICAL EXPERIENCE

1. Develop Laboratory Practical Skills

Criteria	A minimum of 150 hours (total) of practical/laboratory experience, across the three discipline areas, should be included in the programme. This time may include an element of practical time associated with project work[*1].					
					Office Use Only	
Subject Area	**Module Title**	**Level**	**Hours[*2]**	**Documentary reference[*3]**	**Meets Criteria Y/N**	**Reviewer Comments**
Practical / Laboratory Experience	**Core Mandatory Modules:**			Within supplied module outlines:		
	SP4001 - Applied Sport & Exercise Science I	1	18	Page 25 – 27		
	SP4002 - Introduction to Anatomy & Physiology of Sport & Exercise	1	9	Page 29 – 30		
	SP4004 - Introductions to Biomechanics of Sport & Exercise	1	18	Page 33 – 34		
	SP5001 (SPX201) - Applied Sport & Exercise Science II	2	12	Page 43 – 46		
	SP5002 (SPX204) – Research Methods	2	12	Page 47 – 50		
	SP5003 (SPX207) – Data Analysis for Sport & Exercise Scientists	2	10	Page 51 – 54		
	SP6002 (SPX333) – Independent Project	3	75	Page 105 - 108		
			Total – **155**			

	Students **must** pick two from these modules at each level:					
	SP5004 (SPX209) - Physiology of Sport & Exercise	2	8	Page 55 - 58		
	SP5006 (SPS202) - Biomechanics of Human Movement I	2	12	Page 65 – 68		
	SP6003 (SPS313) - Applied Physiology for Exercise, Health & Sport Performance	2	6	Page 109 – 112		
	SP6005 (SPS302) - Biomechanics of Human Movement II	2	24	Page 117 - 120		
			Total – **Min 0 Max 36**			
	Students **must** pick two level 5 & **must** pick three 6 modules from these:					
	SP5007 (SPX213) - Nutrition for Sport, Exercise & Conditioning I	2	18	Page 69 – 72		
	SP5008 (SPS211) - Performance Analysis for Elite Performance	2	22	Page 73 – 76		
	SP5009 (SPX220) - Physical Activity Pathways & Exercise Referral	2	6	Page 77 – 80		
	SP5408/9 (SPX212/1) - Sport & Exercise Placement/Extended Placement	2	25 OR 50	Page 93 – 100		
	SP6006 (SPS312) - Nutrition for Sport,	3	24	Page 121 – 126		

	Exercise & Conditioning II					
	SP6009 (SPX315) – Environmental Physiology	3	6	Page 139 – 142		
	SP6010 (SPX323) - Biochemistry of Sport, Exercise & Health: Effects of Physical Activity	3	12	Page 143 – 146		
	SP6011 (SPX214) – Injury Prevention & Rehabilitation	3	4	Page 147 – 150		
	SP6407/8 (SPX312/1) - Sport & Exercise Placement/Extended Placement	3	25 OR 50	Page 165 – 172		
	Total: A minimum of **155** hrs of practical experience but may actually reach a maximum of **315**hrs		Total – **Min 0 Max 124**			

*1 the practical element of the project is normally expected to be not more than 25% of the total credit hours for the project / dissertation unit
*2 State total number of hours attributed to practical/laboratory activities within each module.
*3 State location with page numbers of descriptors/unit outlines in supporting documents.

PART 4: RESOURCES

1. Equipment List

Criteria	BASES Endorsed programmes should be delivered in facilities that allow students to gain a range of practical skills in each of the discipline areas of biomechanics and physiology.

Is the Laboratory BASES Accredited	No
	If Yes please state most recent Accreditation Date and next Review date:
If your laboratory is accredited you only need to confirm the availability of biomechanics equipment. If you do not have an accredited laboratory please indicate both biomechanics and physiology resources available.	

You are asked to provide a list of equipment available for use by students on the programme. The list of related equipment is indicative and not prescriptive, there is not an expectation that all the listed equipment is necessary. Where more than one of each piece of apparatus is available, please indicate the total number.

If the lab is not BASES Accredited, you must have at least 60% of the items listed below (at least 10)

Equipment	Details and number of pieces	Office Use Only	
		Meets Criteria Y/N	Reviewer Comments
Cameras and associated equipment to perform qualitative and quantitative 2D, and ideally 3D, video analysis	4 x Sony Handycams (25Hz) 2 x Canon 3CCD Digital camcorder (25Hz) 1 x Panasonic video camera (50Hz) 8 x Proreflex 3D camera system 5 x Focus analysis software 20 x Quintic analysis software		

	10 x Dartfish analysis software		
Force platform and/or other force transducers	1 x Large Kistler force platform 1 x Small Kistler force platform 2 x Accelerometers		
Electromyography system	1 x Wireless portable EMG system (Delsys)		
Hydro-static weighing tank, bio-electric impedance analyser, skin-fold callipers and anthropometric tapes	1 x Hydro-static weighing tank 1 x bodystat bio-electrical impedance 1 x Bod Pod 8 x Bicondyler Calipers 3 x Harpenden skinfold calipers 5 x Holtain skinfold calipers 4 x Harpenden Anthropometer 15 x Lafayette Instrument Skinfold Calipers 1 x segmometer 10 x Anthropometric tapes		
Isokinetic and other (e.g., hand-grip) dynamometers	1 x Cybex 6000 isokinetic Dynamometer 1 x Biodex isokinetic Dynamometer 3 x Takei hand grip Dynamometers 1 x Back and leg Dynamometer		
Sit and reach box, goniometers	4 x Sit and Reach boxes 2 x Leighton flexometers 4 x Lafayette Gollehon Goniometers 2 x Clinical Goniometers (MIE) 6 x Clear Plastic Goniometer (8", 360º) 1 x Clear Plastic Goniometer (4", 360º)		
Spirometer and/or expired air analysis (e.g., Douglas bags)	3 x Micro Medical Spirometers 2 x Microloops 30 x 150L Douglas bags 3 x Servomex 1440 3 x Harvard Dry gas meters 1 x Oxycon Pro gas analysis system 2 x Msx ErgoSpirometer System 1 x K4 Cosmed b2 portable metabolic system		

Metabolite analyser (e.g., lactate and glucose), microcentrifuge, spectrophotometer	1 x SPAce Analyser 1 x DPC Immulite 1000 Immunology Analyser 1 x ABX Pentra 60 C+ Haematology Analyser 3 x Lactate Pro 2 x Accutrend Glucose/Cholesterol analyser 1 x Biosen C-Line Glucose and Lactate Analyser 1 x Reflotron clinical chemistry parameters analyser 3 x Hemocues 1 x Centrifuge 2 x Osmocheck Urine Analysis Units 3 x Finger pulse oximeters 2 x BCI Autocorr Digital Pulse Oximeter		
Sphygmomanometer and stethoscope (if applicable)	5 x Sphygmomanometer and stethoscope sets		
Telemetric HR monitor and 12-lead ECG	1 x Team Polar 2 x RS800CX HR telemetry 2 x Polar s610i HR telemetry 5 x Polar s810i HR telemetry 3 x Polar Beat HR telemetry 4 x Polar FT1 HR telemetry 2 x Polar FS1 HR telemetry 3 x Polar FS3c HR telemetry 1 x 12-lead ECG (Oxycon Pro) 1 x 3-lead Morgan cardiac monitor		
Exercise ergometer and expired air analysis equipment	3 x 874E Monark cycle ergometers 1 x 824E Monark cycle ergometers 1 x Lode Excalibur cycle ergometer 1 x Lode Excalibur Sport cycle ergometer (Isokinetic, Hyperbolic, Linear and Torque workload controlled) 1 x SRM High Performance Ergometer		

	5 x Concept II model C rowing ergometers 4 x Woodway Motorised treadmill ELG 55		
Multistage fitness test	1 x Multistage fitness test 1 x Aero test 1 x Yo-Yo Recovery L1&2 1 x Yo-Yo Endurance L1&2		
Ergometer for Wingate Test and/or non-motorised sprint treadmill	1 x Lode Excalibur cycle ergometer 1 x Lode Excalibur Sport cycle ergometer		
Timing gates	1 x Smartspeed timing lights 1 x Brower Test Centre Timing System		
Wheelchair ergometer, arm-crank ergometer etc.	N/A		

PART 4: RESOURCES

2. Staff with Current Professional Experience

Criteria	The programme team must comprise at least two BASES Accredited sport and exercise scientists.				
				Office Use Only	
Name	**BASES Member Yes / No**	**BASES Accredited**	**Accreditation Dates*1**	**Meets Criteria Y/N**	**Reviewer Comments**
	Yes	Yes	March 2012 – March 2017 (support)		
	Yes	Yes	Sept 2009 – Sept 2014 (support)		
	Yes	Yes	March 2012 – March 2017 (research)		
		Yes	June 2009 – June 2014 (support)		
	Yes	Yes	Sept 2008 – Sept 2013 (research)		
	Yes	Yes	March 2011 – March 2016 (support)		
	Yes	Yes	March 2010 – March 2015 (research)		
	Yes	Yes	Sept 2010 – Sept 2015 (support)		

*1 State date of first Accreditation and next renewal date

PART 5: PAYMENT

1. Payment Details

Card Payment

Payment

☐ **Credit/Debit Card**. Please indicate type of card

Credit/Debit Card details will be destroyed as soon as payment is made.

Credit/Debit Card Number:

(Debit only)

Expiry Date:

M	M	Y	Y

Security Code

Valid from: *(if applicable)*

M	M	Y	Y

Issue No: *(Debit only)*

OR

Purchase Order

Purchase Order Number:
Address to send Invoice:

Please note cheques cannot be accepted

Please email completed application forms to education@bases.org.uk