THE UNIVERSITY OF THE WEST INDIES

FACULTY OF SPORT

GRADUATE HANDBOOK
2019-2020

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ONE FACULTY - FOUR CAMPUSES

About the Faculty of Sport

The Faculty of Sport was officially launched July 26, 2017 at The UWI Regional Headquarters in Jamaica with operationalization beginning August 1 of the 2017/2018 academic year.

The Faculty of Sport reaches across all the Campuses of the University of the West Indies, through Academies of Sport established on the **Cave Hill**, **Mona**, **Open** and **St. Augustine** campuses. These Academies (previously known as Departments) are responsible for academic activities, sports at all levels, as well as outreach to communities through sports.

IMPORTANT NOTICE ON HANDBOOK FOR THE FACULTY OF SPORT

The Faculty of Sport (FSP) is one Faculty with common programmes offered across all four UWI Campuses. Programmes in the FSP are governed by a common set of regulations and students registered for these programmes MUST abide by these when registering and as they proceed through their programme. **STUDENTS MUST DOWNLOAD, READ AND FOLLOW**

- THE FACULTY OF SPORT GRADUATE HANDBOOK
- REGULATIONS FOR GRADUATE CERTIFICATES, DIPLOMAS and DEGREES

HOW TO USE THIS HANDBOOK

The Faculty handbooks (also known as Faculty Booklets) are available on the Campus website in PDF format. The handbooks include:

- Relevant **Faculty Regulations** – e.g. Admission Criteria, Exemptions, Progression, GPA, Leave of Absence, etc.
- Relevant **University Regulations** including the Plagiarism Regulations and Declaration Forms
- **Programme Descriptions and Course Listings** which include the list of courses to be pursued in each programme (degrees, diplomas and certificates), sorted by level and semester; course credits and credits to be completed for each programme – majors, minors and specials.
- **Course Descriptions** which will include details such as methods of assessment.

Students should note the following:
The Regulations and Syllabuses issued in the Faculty Handbooks should be read in conjunction with the following University Regulations:

- The Postgraduate Regulations and Syllabuses should be read in conjunction with the University regulations contained on the Postgraduate Admissions website and the Board for Graduate Studies and Research Regulations for Graduate Diplomas and Degrees (with effect from August 2018)

Progress through a programme of study at the University is governed by Faculty Regulations *and* University Regulations. Should there be a conflict between Faculty Regulations and University Regulations, **University Regulations shall prevail**.

DISCLAIMER - PROGRAMMES & COURSES

Notwithstanding the contents of Faculty Handbooks, course outlines or any other course materials provided by the University, the University reserves the right at any time to altogether withdraw or modify programmes or courses as it deems necessary.

DISCLAIMER – PRIZES & AWARDS

In the case where Faculty/Student Prizes or Awards may be listed, the Faculty does not bind itself to award any or all of the listed prizes/awards contained herein or its stated value and reserves the right to modify or altogether remove certain prizes/awards as described in either or both the electronic and printed versions of the Faculty Handbook.

FACULTY DISCLAIMER

The Faculty of Sport Graduate Handbook is provided for the convenience of current and prospective students and staff alike. It sets out the Faculty's regulations governing the programmes offered; description of programmes and courses offered on the Cave Hill Campus (CH), the Mona Campus (M), the Open Campus (OC) and the St. Augustine Campus (SA).

The current edition was finalized November 2019. Students are advised to check the Faculty's website and their Academy at the start of the semester and during the course of the academic year for updates as well as corrections of any errors or omissions that have come to light subsequent to the finalization of the Handbook. Students should always check with the latest Faculty Handbook when considering programme alternatives and for course offerings.

THE UNIVERSITY RESERVES THE RIGHT TO MAKE SUCH CHANGES TO THE CONTENTS OF THIS PUBLICATION AS MAY BE DEEMED NECESSARY.

These regulations govern the programmes of study for all students entering in 2019/2020. Students who started programmes in previous years are governed by the regulations in force in their year of entry which can be found online at http://uwi.edu/sport/current-students

Disclaimer:

The information in this booklet is accurate at the time of publication. Subsequent publications may therefore reflect updated information. Students should consult their Dean where clarification is required.

ACADEMIC CALENDAR 2019/2020

ACTIVITY	SEMESTER 1 AUGUST – DECEMBER 2019	SEMESTER 2 JANUARY – MAY 2020	SUMMER MAY – JULY 2020
Semester **BEGINS**	August 25, 2019	January 19, 2020	May 24, 2020
Registration **BEGINS**	August 19, 2019	January 13, 2020	May 18, 2020
Registration **ENDS**	September 13, 2019	January 31, 2020	June 13, 2020
Teaching **BEGINS**	September 2, 2019	January 20, 2020	May 25, 2020
Teaching **ENDS**	November 29, 2019	April 17, 2020	July 3, 2020
Late registration applies at Cave Hill	September 2, 2019		
Examinations **BEGIN**	December 02, 2019	April 27, 2020	July 20, 2020
Examinations **END**	December 20, 2019	May 15, 2020	July 31, 2020
Semester **ENDS**	December 20, 2019	May 15, 2020	July 31, 2020
Application for Leave of Absence **ENDS**	September 13, 2019	January 31, 2020	June 13, 2020
Deadline for Add/Drop	September 13, 2019		
UWI LIFE		AUGUST 28, 2019	
Semester II - Break		**April 20 - 24, 2020**	
SPECIALLY-ADMITTED 2019 / 2020	SEMESTER I	SEMESTER 2	ENTIRE ACADEMIC YEAR
Application for Specially Admitted **OPENS**	November 12, 2018	November 12, 2018	November 12, 2018
Application for Specially Admitted **ENDS**	July 12, 2019	December 13, 2019	June 28, 2019
CEREMONIES			
Matriculation Ceremony	Cave Hill - August 30, 2019 Mona – September 5, 2019 St. Augustine - September 18, 2019		
Graduation Dates	October 12, 2019 (Open Campus) October 19, 2019 (Cave Hill) October 24 – 26, 2019 (St. Augustine) November 01 to 02, 2019 (Mona)		
Inter-Faculty and Inter-Campus **TRANSFERS 2020 / 2021**	OPENS	ENDS	
All Faculties	November 11, 2019	June 30, 2020	
UNDERGRADUATE SCHOLARSHIPS & BURSARIES	OPENS	ENDS	
Scholarships and Bursaries [tenable in 2019/2020]	January 20, 2019 CONTINUING Students	May 31, 2019	
	September 1, 2019 First Year Students	September 30, 2019	

Revised August 2019. This calendar is subject to change by the appropriate authorities. This is an abridged version of the Academic Calendar. For the full and most up-to-date calendar, visit https://sta.uwi.edu/registration/academiccalendar.a

MESSAGE FROM THE DEAN

Welcome to the Faculty of Sport! The youngest and only Cross Campus faculty has progressed to ensure that the latest in Sport is available to you.

We have programmes to cater to many sporting interests and have established excellent working relationships with similar Universities worldwide to allow the best in interaction and exchange. This year has been momentous with the introduction of 14 new Post Graduate Programmes to complement our existing programmes across the region. These new programmes have a large on-line teaching component that allows you to be anywhere and still pursue your courses.

For those interested in research, our MPhil and PhD Sport programmes allow for pursuit in all fields related to sport whether your background is in Social Science, Medical Sciences Humanities or Science and Technology. With collaborative supervision, we aim to satisfy the needs of all who wish to delve deeper into studies in Sport.

Our Faculty has joint programmes as well. The MSc Sport Sciences out of our Cave Hill Academy of Sport offers a dual degree with the University of New Brunswick in Canada. The UWI/FIFA/CIES Post Graduate Diploma offered through this faculty at Mona gives dual certification along with International Centre for Sport Studies (CIES).

The Faculty of Sport through its graduate programmes is allowing its students to be part the cutting edge revolution in sport. Be it improving a design or coming up with a novel concept in sport, our Programmes are designed to build on knowledge from undergraduate degrees to specialize you into an expert in your field.

Our sporting activities allow you to participate as an athlete, support staff or researcher at all levels. Our community outreach activities, intercollegiate competitions, participation in the highest of international events give you access to be part of sport wherever you may desire. We strive to produce graduates that will continue to make their mark around the world. When it comes to the West Indies, the world knows us for our sport and our University. Welcome to the Faculty of Sport at the University of the West Indies.

Dr. Akshai Mansingh

FACULTY DEVELOPMENT

OVERVIEW OF THE FACULTY OF SPORT

The Faculty of Sport, aims to provide persons with an interest in sport, the opportunity to pursue their passion. This Faculty provides access to facilities and resources that will allow athletes to further their sporting discipline, while at the same time pursuing academic programmes of interest to them. For non-athletes, the Faculty provides opportunities to pursue undergraduate and graduate programmes in several areas of sport, as well as the option of postgraduate study in specific areas of sport.

The mission of the Faculty of Sport is to provide high quality education in sports with emphasis on application via research, and development of sports and athletes of the region to maintain their prominence on the world scene. This will be done through cross campus and international collaboration with partners across the world, to ensure that the top sporting minds are involved.

The Faculty started with graduate programmes in Sports Medicine, Sports Management and Sports Science. Sports Medicine is the field of medicine concerned with injuries sustained in athletic endeavors, including their prevention, diagnosis, and treatment. Sports Management is broadly aimed at providing participants with the requisite educational background necessary for executive management and leadership positions in a variety of sport and recreational fields. Sport Sciences exposes students to an interdisciplinary appreciation of the knowledge field of sports, combining sports science with sport and recreational management, physiology, psychology, nutrition and biomechanics.

New programmes approved for delivery as of 2019/2020 are

Doctor of Philosophy in Sport
Master of Philosophy in Sport

MSc Sport (Coaching)
MSc Sport (Kinetics)
MSc Sport (Biomechanics)
MSc. Sport (Strength and Conditioning)
Postgraduate Diploma Sport (Coaching)
Postgraduate Diploma Sport (Kinetics)
Postgraduate Diploma Sport (Biomechanics)
Postgraduate Diploma Sport (Strength and Conditioning)

Master of Science in Interdisciplinary Sport Pain Management
Postgraduate Diploma in Interdisciplinary Sport Pain Management
Postgraduate Certificate Pain Management in Athletes

FACULTY OFFICE PERSONNEL

Tel: (876) 970-6921 | Ext. 7341, 7344, 7346
Email: fos@uwimona.edu.jm | Website: http:// www.uwi.edu/sport

OPENING HOURS

Monday to Friday: 8:30am – 4:30pm

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ACADEMY PERSONNEL

Cave Hill Academy of Sport

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Open Campus Academy of Sport

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Head of Academy	**Mr. Kervin Jean** kervin.jean@open.uwi.edu
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Mona Academy of Sport

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Head of Academy	Dr. Sharmella Roopchand-Martin sharmella.roopchandmartin@uwimona.edu.jm
Section Head **(Sports & Exercise Medicine)**	Dr. Ruchelle Brown Calvert ruchelle.brown@uwimona.edu.jm
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St. Augustine Academy of Sport

Tel: (868) 662-2002 ext. 83571 | Fax: (868) 645-9239 | Email: specinfo@sta.uwi.edu

Head of Academy (Acting)	**Prof. Funso Aiyejina** funso.aiyejina@sta.uwi.edu
Administrative Assistant **Human Resources &** **Academic Programmes**	Mrs. Ria Cromwell ria.cromwell@sta.uwi.edu Tel: Ext. 83808

CAVE HILL ACADEMY OF SPORT

Message from the Head of Academy

The Cave Hill Academy of Sport is delighted to welcome students to the Academy. The MSc Sport Sciences programme is a double degree between The UWI and the University of New Brunswick, Canada. Students graduate with two degrees from both institutions. The programme provides students with the opportunity to further their studies in a field that is burgeoning. Students benefit from invaluable interactions with qualified lecturers in the field of sport science and are exposed to cutting edge developments in the industry. The Cave Hill Academy of Sport also boasts of a vibrant and highly successful sports programme. The UWI Blackbirds sports teams compete in several disciplines in national and regional competitions. In addition, there are also opportunities for recreational athletes to participate in the many sporting competitions organized on the Campus.

Our Motto ***"One Flies …All Soar"***

Mrs. Amanda Reifer

ACADEMY INFORMATION AND GUIDELINES

The Cave Hill Academy of Sport offers the following graduate degrees:

- **Master of Science in Sport Sciences**
- **Diploma in Sport Sciences**

MSc Sport Sciences

This master's degree is a double degree run by the Cave Hill Campus and the University of New Brunswick, Canada. It is designed to provide students with a broad understanding of a range of sport sciences subject areas. It utilises best practices to ensure that students exit the degree programme capable of entering the professional field related to their area of study.

Objectives

The objectives of the programme are to:

- Expose students to an interdisciplinary appreciation of the knowledge field of sports, combining sports science with sport and recreational management, physiology, psychology, nutrition and biomechanics.
- Provide students with the research and analytical skills to assist with the administration, design, monitoring and implementation of a Sports programme.
- Expose students to best practice in sports science and sports management.
- Provide opportunities for practical experience across the sub-fields of sport.

Entry Requirements

As the MSc is a double degree with the University of New Brunswick, Canada, candidates must be accepted to both institutions. Note that all applications to the programme are to be submitted to the Cave Hill Campus and will be considered jointly by both institutions.

For entry to the MSc. Sport Sciences programmes, applicants should have a first degree from an approved educational institution, at minimum of a second class honours.
Candidates with pass degrees who have other relevant qualifications with at least 3 years' experience in a sporting institution or organization that offers sport as a curriculum activity (e.g. schools, colleges or universities), which must be at the level of manager or senior supervisor will be considered for entry on a case-by case basis.
Applicants for entry into the programme may have to undergo an interview before final selection.

Duration

The MSc. Sport Sciences degree programme will be offered over 12 months for full-time students and 18-24 months for part-time students.

Programme Structure

Students are required to gain 39 credits through successful completion of 10 courses (3 credits each), and a practicum (9 credits) or a research paper (9 credits).

List of Courses

MSc

SPSC 6000 - Biomechanics and Sport Analysis
SPSC 6001 – Advanced Exercise Physiology
SPSC 6002 – Advanced Strength and Conditioning
SPSC 6003 - Sport Management & Marketing
SPSC 6004 - Ethics and Sport
SPSC 6005 – Advanced Sociology of Sport
SPSC 6006 – Advanced Sport Nutrition
SPSC 6007 - Sport & Exercise Psychology
SPSC 6009 - Leadership & Human Resource Management
SPSC 6902 - Research Methods
SPSC 6910 - Research Paper (9 credits) OR
SPSC 6990 - Practicum (9 credits)

Diploma Sport Sciences

For entry to the Post Graduate Diploma applicants should have a first degree from an approved educational institution, at minimum of a second class honours.

Candidates with pass degrees who have other relevant qualifications with at least 3 years' experience in a sporting institution or organization that offers sport as a curriculum activity (e.g. schools, colleges or universities), which must be at the level of manager or senior supervisor will be considered for entry on a case-by case basis.
Applicants for entry into the programme may have to undergo an interview before final selection.

Postgraduate Diploma students, on successful completion of the program, may be considered for entry into the MSc. Sport Sciences programme.

Duration

The postgraduate Sport Sciences Diploma programme can be completed in 12 months.

Programme Structure

Students are required to gain 20 credits through successful completion of 5 courses (3 credits each), and an applied project (5 credits)

List of Courses

SPSC 6001 – Advanced Exercise Physiology
SPSC 6004 - Ethics and Sport
SPSC 6005 – Advanced Sociology of Sport
SPSC 6006 – Advanced Sport Nutrition
SPSC 6007 - Sport & Exercise Psychology
SPSC 6900 - Applied Project (5 credits)

COURSE DESCRIPTION – DIPLOMA AND MSC. SPORT SCIENCES

SPSC6000 - Biomechanics and Sport Analysis

This course will include the development of biomechanical principles as they apply to sport performance analysis, training and rehabilitation; working with some of the available technologies/techniques in exercise and sports application; and familiarizing students with laboratory practice and data handling in sports biomechanics.

It is critical for sport scientists to be able to incorporate technology in the assessment of performance in order to teach skill development and to advance high performance sport. This course will introduce students to techniques to capture sport performance and assess the kinematic and kinetic components of successful and unsuccessful performance.

SPSC6001 – Advanced Exercise Physiology

This is a course in applied human physiology that focuses on developing a conceptual model to explain how the nervous, muscular, metabolic and cardio respiratory systems function together to allow human movement. In this course you will examine the cellular and systemic changes that take place within the body during the performance of physical work in a variety of modalities, intensities and durations. Upon completion of this course, students will have an understanding and hands on experience with exercise physiology systemic assessment, which will allow for the determination of system strength and weaknesses.

Knowledge of how the physiological systems integration, respond to acute and chronic stimulus and respond to basic motion is critical to the application of exercise as a means of improved sport performance. This course will tie all of the systems together to allow for a clearer understanding of the Sport Sciences.

This course will act as a foundation course to the Strength and Conditioning course. The knowledge gained in this course will be the assessment component which will ultimately drive the development of sport specific training programs. Throughout this course, the student will be provided the opportunity to apply their knowledge and gain the skills of testing the physiological systems to determine strength and weaknesses within the systems.

SPSC6002 – Advanced Strength and Conditioning

This course is designed to integrate the sport sciences into a cohesive unit that will provide a foundation for sport specific strength and conditioning. Throughout this course, the sciences of motor control, anatomy, biomechanics, acute and chronic exercise physiology, bioenergetics and nutrition will be utilized to develop scientifically driven training programmes designed to be utilized in high performance sport. Upon completion of this course, the student will be prepared to challenge the National Strength and Conditioning Associations, Certified Strength and Conditioning Specialist (CSCS) certification exam.

The integration of the sport sciences is critical to the application of sport sciences to high performance athletics. This course will provide the background to allow the student to understand how to design training programs in a periodized fashion to improve athletic performance and reduce the risk of sport related injury. The understanding and manipulation of training variables (i.e. volume, frequency, mode, and duration) are imperative to successful application of the sport sciences to high performance athletics.

This course will act as a capstone to the sport sciences areas of exercise physiology, nutrition and sport biomechanics & analysis. This course will draw on information from each of the

previous courses to help students apply their knowledge to help improve athletic performance.

SPSC6003 - Sport Management and Marketing
This course deals with the application of management and marketing concepts and strategy to sport organizations and services in the private, commercial, voluntary and public sectors. Management concepts such as managing sport organizations in a changing environment, managing through mission and goals in sport, governance and management in sport organizations, power and politics in sport organizations, and decision making in sport organizations. Marketing policies, strategies and tactics in terms of product, price, and sport marketing topics such as sponsorship, Olympic marketing, and ambush marketing will also be explored.

SPSC6004 - Ethics and Sport
This course is an introduction to the fundamental principles of ethics, and their application to selected ethical issues in various dimensions of kinesiology, including sport, recreation, leisure and health. Through intensive reading and writing, open dialogue, and critical reflection, students will be challenged to develop their philosophic ability, knowledge and skills in evaluating prospective and retrospective activities from an ethical dimension. Reading and writing, as well as group discussion, are all significant components of this course.

SPSC6005 – Advanced Sociology of Sport
This course evaluates sports and physical activity as dynamics of society that influence and are influenced by social relationships. Students will examine themes in sport that affect and reflect society and social change. Students will critically evaluate the sociological and cultural constructs that affect the organisation and development of sport in society. Research produced on sport, will be analysed so that students are constantly engaged in the examination of knowledge produced about sport in its specific and relational context.
This course is designed for students who will likely advance careers in the sports industry and/or engage research in the academy. It provides them with the necessary tools for competently analysing sports and society, and producing new knowledge about sport.

SPSC6006 – Advanced Sport Nutrition
The aim of this course is to provide the students with a comprehensive knowledge of all technical aspects, design, operations and applications of nutrition in sports. The course deals with the concept of sports nutrition, through an applied approach, and the basic design of nutrition goals and dietary strategies. It provides an opportunity to gain an in depth understanding of the nutritional and metabolic demands of exercise and of how nutrition can influence sports performance. It is designed to provide graduates with training in sport and exercise nutrition which will equip them for future careers in research, teaching in higher education, in industry, or in applied sports nutrition support; it is not a substitute for a dietetic qualification.

SPSC6007 - Sport & Exercise Psychology
The course involves the study of human behaviour in sport and exercise settings. The course will enable students to explore the effect of the interaction between individual differences

and socio-environmental factors on the Caribbean sportsperson. Students will be guided in the application of psychological theory to the examination of exercise and sport performance. It is designed to provide the students with the information about research in the field of sport psychology as well as practical knowledge to become a more effective fitness instructor, sport manager/administrator, physical educator or coach. It will examine theories of individual personality and explore the social phenomenon associated with sport participation.

SPSC6009 - Leadership & Human Resource Management

This course will introduce participants to best practices in leadership in sports. It will look at the relationship between leadership, management, motivation, repeatable good performance and winning in sports. Participants will be introduced to transformational leadership, shared leadership and multidimensional leadership concepts. There will be particular focus on the relationship between leadership and human resource management, and how this facilitates the people functions of training, career development, career planning, creativity, industrial relations, performance planning and assessment. It will use case studies to identify examples of best practices in sports leadership and human resource management, particularly in sporting environments within and outside the Caribbean. Finally, participants' psychological type and leadership style preference will be assessed and discussed in the (HR) managerial context.

SPSC6902 - Research Methods

This course addresses the need for scientific research. It will introduce the student to the theory and practice of quantitative and qualitative research. It will also provide a balanced mixture of quantitative and qualitative techniques, while exposing the student to the generic features of the research process and the elements of research design.

MONA ACADEMY OF SPORT

Message from the Head of Academy

Sports has evolved from an activity that was primarily pursued for leisure and entertainment to a multibillion dollar business industry with job opportunities in fields such as marketing, business, law, science and medicine to name a few. We at the Mona Academy of Sport are happy to be a part of the Faculty of Sport and to be at the fore of the development of post graduate programmes centred around sport.

Our current offerings include a Master of Science in Sports Medicine, Master of Science in Sports and Exercise Medicine – Physiotherapy, Master of Science in Sports Business Management and the UWI/FIFA/CIES Diploma in Sports Management. Most of our programmes are distance based with focused onsite practicums facilitating the translation of theory to practice. This approach allows students to pursue post graduate training whilst continuing to work in their home countries. Through a supervised research thesis, you will have the opportunity to contribute to the existing body of sport literature.

We welcome you to the Mona Academy of Sport.

Dr. Sharmella Roopchand-Martin

ACADEMY INFORMATION AND GUIDELINES

The Mona Academy of Sport offers the following graduate degrees:

- Master of Science in Sports Medicine
- Master of Science in Sports and Exercise Medicine - Physiotherapy
- Master of Science in Sports Business Management (*pending revision during 2019/20*)
- UWI/FIFA/CIES Diploma in Sports Management
- PhD/MPhil in Sport
- MSc Sport and Postgraduate Diploma Sport with concentrations in: Coaching, Kinetics, Biomechanics and Strength and Conditioning
- MSc. and Postgraduate Diploma in Interdisciplinary Sport Pain Management
- Postgraduate Certificate Pain Management in Athletes

MSc Sports Medicine

Programme Objectives
Our modular training programme is designed to provide fundamental skills in sports medicine and exercise physiology. Students will be exposed to detail of the management of injuries, the prevention of injuries, the use of exercise in controlling chronic diseases and provides the doctor with the expertise to impart nutritional, psychological and pharmacological guidance to athletes. This programme prepares doctors to become team physicians as well as to organize medical facilities for large events. Two onsite practicums allow students to practice numerous examination and treatment techniques. These are facilitated by local, regional and international experts.

Entry Requirements
To be eligible for the programme candidates must be a registered medical practitioner with two years professional experience. The completed application form, two completed professional referee forms and a copy of the registration license for practice must be submitted. Transcripts must also be submitted.

Duration of programme
The programme can be completed in 18 months however students have up to 4 years if they choose a course by course approach for the entire programme.

Programme Structure
There is a total of 12 courses (39 credits). Ten modules are delivered online and two practicum modules are delivered onsite at the UWI Sports Medicine Clinic, Mona Campus. Each onsite module is 2 weeks. Students are responsible for their travel and accommodation arrangements and its associated costs.

List of Courses

Full Time
Year 1
Semester 1 – Exercise Physiology, Upper Body Injuries
Semester 2 – Sports Science, Lower Body Injuries
Summer – Research Methods, Practicum 1

Year 2
Semester 1 – Nutrition and Biomechanics, Sports Physiology
Semester 2 – Applied Sports Medicine, Sports Psychology and Pharmacology,
Summer - Research project, Practicum 2

Part Time
Students need to enrol in at least one course per semester.

Mode of Delivery
Ten modules will be delivered online using OURVLE and Blackboard collaborate. The two practicum modules will be delivered onsite at Mona Campus. Classes will be held at the UWI Sports Medicine Clinic. Each onsite module will last 2 weeks. Apart from the tuition fee for the two courses students will also be expected to make their own travel and accommodation arrangements and cover the cost of same.

COURSE DESCRIPTIONS – MSC. SPORTS MEDICINE

SPSF 6001 - Upper Body Injuries
This course is designed to give the student an in-depth understanding of how to recognize sports related injuries of the upper body and the proper assessment and management of said injuries. It will also provide knowledge of the appropriate emergency treatment, medical follow-up and rehabilitative care.

SPSF 6002 - Lower Body Injuries
This course is designed to give the student an in-depth understanding of how to recognize sport related injuries of the lower body and the proper assessment and management of said injuries. It will provide knowledge of the appropriate emergency treatment, medical follow-up and rehabilitative care.

SPSF6003 - Applied Sports Medicine
This course is designed to give the student an in-depth understanding of how to recognize sport related injuries, the proper assessment and management of said injuries. It will provide knowledge of appropriate emergency treatment, medical follow-up and rehabilitative care.
At the end of the course the candidate should be able to:

- Function as a team physician
- Lead a medical contingent for a sporting team on tour
- Appropriately select and apply pre-participation screening tools
- Advise on aspects of nutrition in sports
- Advise on anti-doping regulations and procedures
- Recommend appropriate imaging modalities for injuries

SPSF6004 - Exercise Physiology
This course concentrates on the physiological adaptations of the cardiovascular and pulmonary systems in response to exercise. It provides a foundation for understanding the application of exercise and physical activity in disease states and specific conditions.
On completing the course, the candidate should be able to:

- Discuss the changes in the cardiovascular and respiratory systems post exercise
- Interpret investigations of the cardiovascular and respiratory systems
- Screen for cardiovascular and respiratory pathology
- Apply principles of fitness testing
- Detect abnormal sleep pattern and their effects on athletes

SPSF6005 - Sports Physiology
This course focuses on the physiological functions of the cardiovascular and pulmonary systems in response to exercise. It provides a foundation for understanding of fitness evaluation and the application of exercise and physical activity in disease states and specific conditions. At the end of the course the candidate should be able to:

- Analyze cardiovascular and respiratory function including exercise induced asthma
- Interpret ECGs of athletes and make recommendations regarding pathological findings

- Identify risk factors for sudden death in athletes
- Diagnose various sleep disorders.
- Advise on how to prevent and treat jetlag when traveling with a team

SPSF 6006 - Sports Science
This course concentrates on muscle anatomy, physiology and function, as well as the physiological adaptations of muscles in response to exercise. It focuses on fitness testing battery and on the utilization of different imaging techniques used in Sports Medicine. It introduces the role of Genetics in response to exercise and the Haematological and Immunological changes in the athlete.

SPSF6007 - Sports Nutrition and Biomechanics
This course is centred around fluid requirements of the athlete and dehydration as well as the energy requirements based on the type of sport played. It provides knowledge of nutritional components in sports enhancement, eating disorders and how these are managed. The second part of this course focuses on the biomechanics of walking and running, including gait analysis, biomechanics of throwing and other sport specific biomechanics such as swimming, cricket, bowling and cycling.

SPSF6009 - Sports Psychology and Pharmacology
Sports and exercise psychology is a scientific study of people and their behaviour in sports and exercise, and the practical application of that knowledge. Unlike other clinical studies which involve measurable quantities, the art of sports psychology is to balance application of scientific theories with individualization to each athlete. It encompasses the players, coaches, teams, organizations and even communities and nations as they relate to sports and sports performance. The second half of this course focuses on Sports pharmacology, the use of performance enhancing substances as well as the use of supplements.

SPSF 6011 - Research Methods and Biostatistics
This course is designed to introduce the candidate to the principles of research methodology. It provides an introduction to statistics and data analysis. It will enable the candidate to design a research project which is a requirement for the fulfilment of the degree programme.

SPSF 6012 - Research Project
This course will allow students to conduct the research proposed in year 1 of the programme. Under the guidance of the supervisor they will engage in data collection, data analysis and prepare a draft of a paper for publication in an agreed upon journal. The course is designed to develop competence in conducting research.

SPSF 6013 - Practicum 1 (Upper Body)
The course is conducted onsite at the Mona campus and students are expected to cover all costs associated with attending the practicum (airfare, accommodation, meals). This course provides the student with an opportunity to have face-to-face sessions based on examination techniques, hands-on workshops on rehabilitative techniques and on theoretical course content. Students will additionally be exposed to case studies requiring the integration of

academic knowledge with the practice of sports medicine. Opportunities provided will also allow the student to observe other aspects of the practice of sports medicine and participate in in-service education. The overall aim is to facilitate the acquisition of skills and the application of principles of sport physical therapy.
By the end of the course the candidate should be able to:

1. Integrate and apply the theoretical knowledge gained in the Upper Body course
    a. Apply principles of examination and differential diagnosis of acute and chronic injury
    b. Perform effective evaluations of the upper body
2. Design rehabilitation protocols for soft-tissue injuries considering:
    a. effects of time lost
    b. Principles of rehabilitation
    c. return-to-sport criteria
3. Discuss rehabilitation implications of fracture management
4. Design rehabilitation protocols for the patient/athlete post-surgery
5. Apply adhesive tape to acute injuries of the upper body to provide stability and compression without restriction of movement.
6. Outline the management of injury due to participation in individual vs team sports, non-contact vs. contact sports

SPSF 6014 - Practicum 2 (Lower Body)
The course is conducted onsite at the Mona campus and students are expected to cover all costs associated with attending the practicum (airfare, accommodation, meals). This course provides the student with an opportunity to have face-to-face sessions based on examination techniques, hands-on workshops on rehabilitative techniques and on theoretical course content. Students will additionally be exposed to case studies requiring the integration of academic knowledge with the practice of sports medicine. Opportunities provided will also allow the student to observe other aspects of the practice of sports medicine and participate in in-service education. The overall aim is to facilitate the acquisition of skills and the application of principles of sport physical therapy.
By the end of the course the candidate should be able to:

1. Integrate and apply the theoretical knowledge gained in the Lower Body course
    a. Apply principles of examination and differential diagnosis of acute and chronic injury
    b. Perform effective evaluations of the lower body
2. Apply adhesive tape to acute injuries of the lower body
3. Analyze sport injury in relation to biomechanics
4. Perform movement analyses to identify and correct deviations from normal
5. Evaluate and modify sport footwear to suit individual anatomical configurations of the lower limbs and normalize their biomechanics

MSc. Sports and Exercise Medicine - Physiotherapy

AIMS AND OBJECTIVES OF THE PROGRAMME

The proposal to offer the MSc (SEM-PT) programme at the University of the West Indies recognizes the calibre of athletes that our physiotherapists are asked to manage throughout the region. Historically most athletes sought all medical treatment outside the region, but this trend is changing with the introduction of Sports Medicine trained physicians. The rehabilitation of the athlete however has not been uniform throughout the region and the tendency to leave the region, or employ physiotherapists from outside of the region has been growing. This programme reaffirms the commitment of the UWI to meet the needs of the entire region. It further aids in the use of exercise in health promotion and the management of patients with chronic diseases seen in all of the countries.

Entry Requirements

Candidates with a minimum of lower second class honours in the Bachelor's degree in Physical Therapy will be eligible for admission into the programme. A minimum UWI GPA of 2.5 is required. Those with degrees and diplomas awarded from a University other than UWI will be admitted based on a transcript evaluation. Candidates should be fully registered as a Physical Therapist in their country of practice. Candidates with Diplomas in Physical Therapy (UHWI) awarded prior to 2004 will also be considered based on a transcript evaluation. Whereas involvement in Sports and Exercise medicine is preferred, it is not necessary for consideration. Each application should be accompanied by professional recommendations from two referees.

Duration of programme

The programme can be completed in 18 months however students have up to 4 years if they choose a course by course approach for the entire programme.

Programme Structure

Students are required to gain 39 credits through successful completion of 10 courses (3 credits each), a research project and 2 practicums.

List of Courses

Full Time

Year 1

Semester 1 – Exercise Physiology, Upper Body Injuries
Semester 2 – Applied Exercise Physiology, Lower Body Injuries
Summer – Research Methods, Practicum 1

Year 2

Semester 1 – Applied Sports Biomechanics and ergonomics, Exercise in Special Conditions
Semester 2 – Applied Sports Medicine, Sports Psychology
Summer – Research project, Practicum 2

Part Time

Students need to enroll in at least one course per semester.

Mode of delivery

Ten modules will be will be delivered online using OURVLE and Blackboard collaborate. The two practicum modules will be delivered onsite at Mona Campus. Each onsite module will last 2 weeks. Students will be responsible for covering their own travel, accommodation and meals costs for the duration of the practicum.

COURSE DESCRIPTIONS – MSC. SPORTS AND EXERCISE MEDICINE - PHYSIOTHERAPY

SPPT 6101 - Upper Body Injuries
The Upper Body course is one of the foundational courses of the MSc in Sports and Exercise Medicine. It focuses on the anatomy, evaluation and rehabilitation of the upper body. This course is designed to give the student the in-depth knowledge needed to recognize sport-related injuries and to provide appropriate treatment, along with ensuring proper follow-up medical and rehabilitative care.

SPPT6102 - Lower Body Injuries
The Lower Body course is one of the foundational courses of the MSc in Sports and Exercise Medicine. It focuses on the anatomy, evaluation and rehabilitation of the lower body. This course is designed to give the student the in-depth knowledge needed to recognize sport-related injuries and to provide appropriate treatment, along with ensuring proper follow-up medical and rehabilitative care.

SPPT 6103 - Applied Sports Medicine
Applied Sports Medicine builds on the information garnered in Exercise Physiology and Applied Exercise Physiology. This course further exposes the candidate to the principles of exercise prescription which will be a major responsibility in their roles as experts in the field of Sports and Exercise Medicine. This course also begins to prepare the candidate to play various roles in the development of the athlete.

SPPT 6104 - Exercise Physiology
Exercise physiology is one of the foundational courses of the MSc in Sports and Exercise Medicine. It concentrates on the physiological responses of the cardiovascular and pulmonary systems to exercise. It provides a knowledge base for understanding the utilization of exercise and physical activity as modalities in the treatment of individuals suffering from certain disease states and conditions. This information is essential for the candidates who will be working with athletes. It will aid in rehabilitation of the injured athlete and prevention of injuries.

SPPT 6105 - Applied Exercise Physiology
Applied exercise physiology augments the information that the candidate obtained from exercise physiology in semester 1. It exposes the candidate to the importance of exercise physiology as it relates to assessment and intervention for the clients they will encounter.
At the end of this course students should be able to:

- Conduct appropriate fitness test battery for a variety of sports;
- Analyze data from fitness tests and use it to design an appropriate training programme for athletes from various sports;
- Safely administer graded exercise tests for athletes, normal individuals and persons with underlying systemic diseases;
- Identify abnormal sleep pattern and their effects on athletes;
- Differentiate between the paediatric and adult athlete with regards to exercise prescriptions.

SPPT 6106 - Exercise in Special Conditions
This course has its foundations in Exercise Physiology and Applied Exercise Physiology. It incorporates exercise testing and prescription and shows the student how this will be influenced by a disease process that the client may have. Exercise in Special Conditions also focuses on ageing and gender and the effects on exercise and exercise training. This course equips the student to be able to manage clients with a variety of conditions.

SPPT 6111 - Research Methods and Biostatistics
This course is designed to introduce the candidate to the principles of research methodology. It provides an introduction to statistics and data analysis. It will enable the candidate to design a research project which is a requirement for the fulfilment of the degree programme.

SPPT 6112 - Research Project
This course will allow students to conduct the research proposed in year 1 of the programme. Under the guidance of the supervisor they will engage in data collection, data analysis and prepare a draft of a paper for publication in an agreed upon journal. The course is designed to develop competence in conducting research.

SPPT6113 - Practicum 1
This course provides the student with an opportunity to have face-to-face sessions with instructors who are knowledgeable on different aspects of Sports and Exercise Medicine. The course is conducted onsite at the Mona campus and students are expected to cover all costs associated with attending the practicum (airfare, accommodation, meals).The course includes examination techniques, hands-on workshops on rehabilitative techniques and on theoretical course content. Students will additionally be exposed to case studies requiring the integration of academic knowledge with the practice of sports and exercise medicine from the point of view of the physical therapist. Opportunities provided will also allow the student to observe other aspects of the practice of sports medicine and participate in in-service education. The overall aim is to facilitate the acquisition of skills and the application of principles of sport physical therapy.
By the end of the practicum the candidate should be able to:

- Effectively evaluate patients with upper body conditions in a clinical setting
- Demonstrate analytical and interpretative abilities for effective exercise management of the patient/athlete
- Design exercise training programmes and apply philosophy of criterion-based progression

SPPT 6114 - Practicum 2
This course provides the student with an opportunity to have face-to-face sessions with instructors who are knowledgeable on different aspects of Sports and Exercise Medicine. The course is conducted onsite at the Mona campus and students are expected to cover all costs associated with attending the practicum (airfare, accommodation, meals). The course includes examination techniques, hands-on workshops on rehabilitative techniques and on

theoretical course content. Students will additionally be exposed to case studies requiring the integration of academic knowledge with the practice of sports and exercise medicine from the point of view of the physical therapist. Opportunities provided will also allow the student to observe other aspects of the practice of sports medicine and participate in in-service education. The overall aim is to facilitate the acquisition of skills and the application of principles of sport physical therapy.
By the end of the practicum the candidate should be able to:

- Integrate and apply the theoretical knowledge gained in the Lower Body course
- Apply principles of examination and differential diagnosis to acute and chronic injury of the lower body
- Perform effective evaluations of the lower body
- Analyse sport injury using biomechanical principles
- Perform movement analyses to identify and correct deviations from normal
- Evaluate and modify sport footwear to suit individual anatomical configurations of the lower limbs and normalize their biomechanics

SPPT 6117 - **Sports Psychology**
This course is designed to give the student an understanding of the basic principles of sports psychology at the individual athlete and team level. It exposes students to a psychological approach to understanding how humans respond regarding sport and exercise. It also incorporates the adaptations of the human psyche to sport and exercise. Students will acquire knowledge and understanding of sport and exercise performance and psychological factors that impact on exercise adherence. A key aim is to provide an understanding of the application of theory to real 'applied' situations within sport and exercise settings.

SPPT6118 - Applied Sports Biomechanics and Ergonomics
Sports medicine practitioners must be able to evaluate complex movement in sports and identify risk factors for injury. This course will build on undergraduate biomechanics courses and expose the students to more complex analysis of movement in sport. The course also explores equipment design and evaluation of equipment for appropriate fit to the athlete. It allows for the practitioner to enhance sport and exercise performance by applying good biomechanical and ergonomic principles.

MSc. Sports Business Management

(*under revision during 2019/2020)*

Programme Overview and Objectives

The graduate programmes in Sports Management address the development of essential abilities, skills, and attitudes that will enable students to successfully deliver sport management services and events within a competitive marketplace. This translates into building the broader professional capacities associated with teamwork, critical thinking and reasoning, as well as abilities to solve complex problems with a good understanding of quantitative approaches/disciplines. Overall, graduates would gain significant benefits relating to improved knowledge base, sharper thinking and analytical skills; new subject-based ideas and practical skills; as well as research-related and general skills and competencies for life and work.

Upon successful completion of the MSc, graduates should be able to:

- Identify and evaluate recent challenges in sports participation and policies and their implications for sports business management; explain and analyze the relationship between goals, structure and administrative styles of sports organizations; and examine critically key issues and social trends affecting participation and involvement in sports in various cultural settings.
- Apply theory to the context of managing sports organizations including the application and analysis of regulations relative to risk analysis, discrimination, labour issues and business agreements.
- Demonstrate [through examination and research] mastery of technical, conceptual, and interpersonal skills which are necessary to be an effective manager in a variety of sports-related environments, including an understanding of sports to various governing bodies and their influences on operations and decision-making
- Demonstrate knowledge of the breadth and depth of the sports marketplace, including the development of decision making, problem solving, networking skills, as well as of policies and the judicial system relative to litigation, labour law, liability duty of care, spectator issues and constitutional law – all of which are necessary to make sound sport business decisions
- Recognize and analyze the importance of strategic planning in budgeting, marketing and the promotion of the sports industry business as well as in institutional and public sports organizations within the framework of marketing and fundraising strategies and theories relative to promotions.
- Demonstrate knowledge specific to components of sports business management such as brand management, sponsorship, human resource development issues, technologies and software necessary for today's business world, as well as sociological and political influences on sports business management, themed entertainment, and volunteerism in the sport sector.
- Analyze the influences of morals and ethics in the sport industry and the relationship of code of ethics to both decision-making processes and personal and organizational responsibility.

- Apply sport marketing knowledge/principles/strategies to construct and implement a comprehensive plan for managing a major event, developing a marketing plan, writing a grant proposal, and defining leadership styles appropriate to different organizational environments.
- Utilize broadcast and print media communications theory and instruments to promote and market sport, to understand the role they play in public relations within a variety of sports contexts, to enhance practical and professional media communications technologies and skills, as well as analytical understanding of the history and every-day workings of the sports media industry.
- Recognize, analyze and apply trends and issues associated with sport in the global environment and enable appropriate adaptations of problem-solving mechanisms and policy frameworks to a variety of cultural and organizational marketplace.
- Demonstrate knowledge to design strategy; locate, organize, and evaluate research information from multiple sources, and apply knowledge gained from the research experience to effective management and business decisions in their working environments; to critique research; and to enable skills to write a research proposal.
- Perform middle range and top level Sport Management jobs in a variety of organizational settings, demonstrate willingness to invest personal time/and or material in the service of voluntary endeavors, as well as to create their own sports-related jobs.
- Demonstrate skill in qualitative and quantitative analysis.
- Conduct research on issues relevant to managing and developing sports policies and organizations and events and to present the findings of such research in a coherent and understandable manner.

Entry Requirements

The M.Sc. in Sports Business Management
Persons holding a B.Sc. degree in Sports Business Management or its equivalent from UWI or another university acceptable to UWI with at least Lower Second Class honours (or 2.5 GPA) will be eligible for direct admission to the M.Sc. programme. However, where there is space limitation, preference will be given to applicants with at least two years postgraduate working experience in the field of sports.

Students with other qualifications, including advanced degrees, will be considered for admission into the M.Sc. on a case by case basis that will involve a successful interview.

Duration of Programme
The programme can be completed in 24 months.

Programme Structure

Students are required to gain 45 credits through successful completion of 14 courses (3 credits each) and an independent study (6 credits).

Compulsory Courses (24 credits)

- SBCO6520 - Quantitative Methods and Statistical Techniques(4 credits)*
- SBCO6040 - Research Methods (2 credits)*
- SBCO6200 - Business Policy and Strategy (3 credits)*
- SBSP6010 - Sport and Society (3 credits)*
- SBSP6020 - Sport Finance and Economics (3 credits)*
- SBSP6100 - Entrepreneurship in Sports (3 credits)
- SBSP6200 - Independent Study (6 credits)

Elective Courses

Students will select courses to the value of **21** credits from among those listed below.

- SBSP6030 - Sport Marketing (3 credits)*
- SBSP6060 - Law and Sports (3 credits)
- SBSP6040 - Sports and Events Management (3 credits)*
- SBSP6080 - Communication in Sports (3 credits)
- SBSP6070 - Sports Facilities Management (3 credits)
- SBSP6050 - Human Resource Management in Sports (3 credits)
- SBSP6090 - Sports Tourism (3 credits)
- SBCO6340 - Business in a Global Environment (3 credits)*
- SBCO6370 - Management Information Systems (3 credits)*
- SBCO6100 - Transformational Leadership (3 credits)*

NB. The programme structure outlined above is that which was approved in 2013. The programme is currently undergoing revisions and the updated structure should come into effect for September 2020.

UWI/FIFA/CIES Diploma in Sports Management

The emphasis of this programme is on understanding the management, marketing and policy development challenges of delivering sports services within the Caribbean sports management environment. The courses and projects to be pursued will facilitate the development of skills and competencies necessary for success at senior management level in sporting organizations in the public, commercial and voluntary sectors.
On successful completion of the Post-graduate Diploma, graduates should be able to:

- Identify and evaluate recent challenges in sports participation and policies and their implications for sports management practices.
- Apply sport management theory to the context of managing sports organizations.
- Demonstrate knowledge of the breadth and depth of the sports marketplace, including the development of decision-making, problem solving and networking skills.
- Recognize the role of economics, accounting, finance, marketing, strategic management, communications, law and business research methods in sports and demonstrate and apply tools of these fields to issues in sports.
- Demonstrate knowledge of specific components of sports management such as public relations, facilities management, fundraising, sponsorship, brand management, event management, and health and wellness.
- Recognize, discuss, and demonstrate knowledge of globalization, themed entertainment, culture, sociology, and commerce on the sport marketplace with the development of critical thinking skills.
- Demonstrate skill in written and oral communication

Entry Requirements
Admission to the programme will be permitted to persons who:

- ***Either*** possess a degree from the University of the West Indies or any other recognised university and demonstrate an interest in sports management;
- ***Or*** do not hold a university degree but possess a record of active and extensive professional experience in the management and administration of sports (approximately 5 – 10 years) supported by portfolio evidence. No more than 20% of the cohort will comprise of students who do not possess a formal university degree.
- ***And*** are successful at an interview to be conducted by a panel approved by the Office of Graduate Studies and Research.

Duration of programme
The programme can be completed in 12 months.

Programme Structure
Students are required to gain 24 credits through successful completion of 8 courses (3 credits each).

Semester 1:
* *Orientation and Elluminate & myeLearning Training*
SPMA 5000 - Strategic Sport Management
SPMA 5001 - Sports Marketing
SPMA 5007 - Human Resource Management
Semester 2:
SPMA 5002 – The Law and Sports
SPMA 5003 - Communication in Sports
SPMA 5004 - Sports Finance
Summer:
SPMA 5005 – Sport Event Management
SPMA 5006 - Facility and Design Management

Mode of delivery
The programme will be delivered collaboratively with the Department of Management Studies, St. Augustine. This will entail synchronous streaming of the online lectures that are delivered to students at St. Augustine via Blackboard Collaborate to students at Mona. Students at Mona will also participate in the interactive sessions on myelearning.

Continuation from Postgraduate Diploma to the M.Sc.

Successful completion of the Diploma programme **does not** guarantee admission to the MSc programme.

Students who have successfully completed the Postgraduate Diploma can return/continue to do an **additional twenty-one (21) credits** to complete the M.Sc. provided that the courses pursued in the postgraduate diploma were not completed more than five (5) years prior and provided that they have met the following requirements in their diploma:

1. Pass all Diploma courses, having had no more than one re-sit.
2. Obtain a minimum of 5 B+s
3. In cases where the student does not have first degree but has met requirements 1. and 2., they will be assessed by a panel to determine whether their experience along with their performance in the Diploma warrants a place in the M.Sc.

Students who complete the Postgraduate Diploma more than five (5) years prior will not be automatically admitted but will be considered on a case by case basis.

Postgraduate Diploma holders who are continuing on to the M.Sc. must complete the 21-credit compulsory component of the M.Sc. as described previously.

COURSE DESCRIPTIONS – DIPLOMA SPORTS MANAGEMENT

SPMA 5000 - Strategic Sport Management
This course involves the study of principles and practices in sport management. It will serve as the springboard for other courses in the Diploma and Master's Degree programmes in Sport Management by introducing the student to concepts which form the foundation for the field, and which underlie the practice of sport management. The course includes discussion of the meaning of sport management, models of organizational structure, strategic management, key management skills and the role of the State in sport management.

SPMA 5001 - Sports Marketing
This course will introduce students to the application of basic principles of marketing to the managed sport industry with emphasis on international athletics, professional sport and multi-sport club operations. Throughout the course the student will become familiar with marketing techniques that sports teams use. The function of the course is to provide students with an up-to-date understanding of marketing concepts as they are currently being applied in various sport management contexts.

SPMA 5002 – The Law and Sports
As part of the Sports Management Diploma, this course complements the other modules. It introduces general concepts of law and expands on the ever-increasing role of the law in the administration and management of sport. The reality of today's booming sports business makes it difficult to exclude the law from the regulation of sport.

SPMA 5003 - Communication in Sports
The purpose of this course is to help you assess a broad spectrum of communication as it relates to the message, the channels of communication and the objectives to be derived in engaging the process. You will become familiar with the key elements of communication as it exists in relation to the sport industry which will help you to understand the complexity of communication management in both regular and crisis situations.

The course will provide students with
- a fundamental knowledge of communication in sport within the Caribbean and the world of sport
- a basis for comparing sport communication at the local, regional and international levels
- a rich source of information gleaned through class discussions, research and lectures
- the requisite strategies to make step changes in their own sporting environments

SPMA 5004 - Sports Finance
This course involves a study of the basic financial considerations a sport management professional must understand to function effectively. It includes the financial challenges facing the professional, sources of funding, budgeting and financial statements, the concept of economic impact analysis and the pros and cons of using public funds. Topics to be covered include: the balance sheet; profit and loss account/income statement; 4 T accounts and double entry bookkeeping; recording transactions; forecast cash flows, income statements and balance sheets; uses and development of budgets; budgeting: comparison of actual to

budget and variance analysis; costing; investment appraisal; interpreting financial information of sporting entities.

SPMA 5005 – Sport Event Management

Events and sports have become two of the major "pull factors" within destinations and are being increasingly used by destination organisations to create brand awareness and positive destination image. Beyond these, events and sports are regarded as socio-economic tools that generate employment opportunities, facilitate regional development and foster national pride in both the short and long-term. Given the growing importance of sports and events in Caribbean tourism destination calendars, it is crucial that these activities be well managed so that they generate the greatest possible positive benefits to host, visitors and corporate stakeholders while minimizing negative environmental and socio-cultural impacts. This course therefore aims to provide students with the theoretical and strategic tools needed to plan and manage sports and events activities regionally and internationally. Included in the course content are aspects of events and sports management such as the event planning process, volunteer management, health and safety, sponsorship and fundraising, crowd management, budgeting, events promotion and strategic thinking.

SPMA 5006 – Facility and Design Management

This course will focus on the planning and management of sport and recreational facilities. Topics to be covered include: planning the sports facility (accessibility, parking, geographic location); the facility layout; the facility image (appearance, amenities offered, personnel); assessing equipment needs; managing equipment; facilities scheduling; facilities renovation and maintenance; blue printing the service delivery system; the management of risk at sport facilities; feasibility study; marketing of the sport facility and ticket sales strategy. The course shall focus on various private and public facilities and students will be encouraged to research extensively in this regard.

SPMA 5007 - Human Resource Management

This course is about the management of people in Sport Organisations. Its main premise is that when properly managed the human resource can contribute to competitive advantage. Managing people at work essentially involves attracting, recruiting, developing, assessing, and rewarding them. It also involves designing organizations and jobs, planning to have the right people fill those jobs, maintaining fruitful relationships with them and with their representatives, and managing turnover. A large number of techniques are used in performing these tasks. This course will cover many of these techniques as well as the assumptions and theories that guide their use.

MSc Sport and Postgraduate Diploma Sport with concentrations in: Coaching, Kinetics, Biomechanics and Strength and Conditioning

Aims and Objectives of the Programme

The Sports industry has become sophisticated and "trial and error" is insufficient to assess, train, exercise, strengthen, condition and nourish. The purpose of this programme is to generate research-based solutions to sport-related issues affecting the region and expand the pool of sport specialists, advocates and advisors equipped to leverage sports for social, economic, health, recreational and community development benefits.

The objectives of this MSc./Diploma degree programme are to:

- Expand the pool of regional Sport specialists, researchers, technicians, advocates
- Build a repository of relevant Caribbean Sport research
- Equip sport professionals to use scientific and evidence-based practices in all aspects of Sport
- Provide pathways for educators, trainers, coaches, athletes and therapists to upgrade their professions
- Advance Sport in the region by exposing professionals to cutting edge practices
- Provide a flexible, competitive, cost-effective programme that will attract non-Caribbean Sport professionals

Entry Requirements

I. Bachelor's degree in a Sport or Sport-related discipline with a GPA of 2.5 and above and/or at least lower second-class honours in a relevant discipline (eg. Sport, Education, Humanities and Education, Social Sciences, Science and Technology) from a university approved by The University of the West Indies.

OR

II. Bachelor's degree from a Teachers' College with a minimum GPA equivalent to UWI GPA of 2.5.

OR

III. Students who do not possess a first degree may matriculate under the mature matriculation requirements of the UWI. This will include submission of a Portfolio that documents coaching experience and accomplishments; Statement of Purpose, Professional References, Interviews.

Any student not meeting the minimum requirement stated in I or II may be advised to take qualifying undergraduate courses to close any matriculation gaps.

Duration of Programme

MSc. - 2 years full time or 4 years part-time | Total of 39 credits.
Postgraduate Diploma - 18 months full time or 3 years part-time |Total of 27 credits.

Programme Structure - MSc Sport (Coaching) |MSc Sport (Kinetics)| MSc Sport (Biomechanics) | MSc. Sport (Strength and Conditioning):

	Coaching	*Kinetics*	*Biomechanics*	*Strength and Conditioning*
	Year 1	**Year 1**	**Year 1**	**Year 1**
Semester 1	SPPT6104 Exercise Physiology	SPPT6104 Exercise Physiology	SPBM 6350 Neuromuscular Biomechanics	SPPT6104 Exercise Physiology
	SPCH 6330 Diagnostic Analysis of Sport Coaching	SPPT 6118 Applied Sport Biomechanics & Ergonomics	SPPT 6118 Applied Sport Biomechanics & Ergonomics	SPST 6360 Performance Nutrition and Ergogenic Aids
Semester 2	SPPT 6105 Applied Exercise Physiology	SPPT 6105 Applied Exercise Physiology	SPPT 6105 Applied Exercise Physiology	SPPT 6105 Applied Exercise Physiology
	SPPT 6117 Sport Psychology	SPPT 6117 Sport Psychology	SPPT 6117 Sport Psychology	SPPT 6117 Sport Psychology
Summer	SPPT 6111 Research Methods/ Biostatistics	SPPT 6111 Research Methods/ Biostatistics	SPPT 6111 Research Methods/ Biostatistics	SPPT 6111 Research Methods/ Biostatistics
	SPOR 6370 Practicum 1	SPOR 6370 Practicum 1	SPOR 6370 Practicum 1	SPOR 6370 Practicum 1
	Year 2	**Year 2**	**Year 2**	**Year 2**
Semester 1	SPPT 6106 Exercise in Specific Condition	SPPT 6106 Exercise in Specific Condition	SPBM 6351 Biomechanics of Throwing Movements	SPPT 6106 Exercise in Specific Conditions
	SPPT 6118 Applied Sports Biomechanics & Ergonomics	SPKN 6340 Kinetics and Upper Body Sport Injuries	SPBM6352 Current Topics in Sport Biomechanics	SPPT 6118 Applied & Biomechanics Ergonomics
Semester 2	SPCH 6331 Talent Identification and Development	SPKN 6340 Kinetics and Lower Body Sport Injuries	SPBM 6353 Biomechanics of Sprints, Hurdles and Jumps	SPST 6361 Tactical Strength and Conditioning Training
	SPCH 6332 Coach Mentoring and Development	SPCH 6332 Current Topics in Human Kinetics	SPBM 6354 Adaptive Sport Biomechanics	SPST 6362 Training for extreme environments
Summer	SPOR 6390 Research Project	SPOR 6390 Research Project	SPOR 6390 Research Project	SPOR 6390 Research Project
	SPOR 6380 Practicum 2	SPOR 6380 Practicum 2	SPOR 6380 Practicum 2	SPOR 6380 Practicum 2

Programme Structure –
Postgraduate Diploma Sport (Coaching)
Postgraduate Diploma Sport (Kinetics)
Postgraduate Diploma Sport (Biomechanics)
Postgraduate Diploma Sport (Strength and Conditioning)

	Coaching	Kinetics	Biomechanics	Strength and Conditioning
Year 1	**Year 1**	**Year 1**	**Year 1**	**Year 1**
Semester 1	SPPT 6104 - Exercise Physiology	SPPT 6104 - Exercise Physiology	SPBM 6350 Neuromuscular Biomechanics	SPPT 6104 - Exercise Physiology
	SPCH 6330 Diagnostic Analysis of Sport Coaching	SPPT 6118 - Applied Sport Biomechanics & Ergonomics	SPPT 6118 - Applied Sport Biomechanics & Ergonomics	SPST 6360 - Performance Nutrition and Ergogenic Aids
Semester 2	SPPT 6105 - Applied Exercise Physiology	SPPT 6105 - Applied Exercise Physiology	SPPT 6105 - Applied Exercise Physiology	SPPT 6105 - Applied Exercise Physiology
Summer	SPOR 6370 Practicum 1	SPOR 6370 Practicum 1	SPOR 6370 Practicum 1	SPOR 6370 Practicum 1
Year 2	**Year 2**	**Year 2**	**Year 2**	**Year 2**
Semester 1	SPPT 6106 - Exercise in Specific Condition	SPPT 6106 - Exercise in Specific Condition	SPBM 6351 Biomechanics of Throwing Movements	SPPT 6106 - Exercise in Specific Conditions
	SPPT 6118 - Applied Sports Biomechanics & Ergonomics	SPKN 6340 Kinetics and Upper Body Sport Injuries	SPBM6352 Current Topics in Sport Biomechanics	SPPT 6118 - Applied Sport Biomechanics & Ergonomics
Semester 2	SPCH 6331 Talent Identification and Development	SPKN 6341 Kinetics and Lower Body Sport Injuries	SPBM 6353 Biomechanics of Sprints, Hurdles and Jumps	SPST 6361 Tactical Strength and Conditioning Training
	SPCH 6332 Coach mentoring and Development	SPKN 6342 Current Topics in Human Kinetics	SPBM 6354 Adaptive Sport Biomechanics	SPST 6362 Training for Extreme environments
Summer	SPOR 6380 Practicum 2	SPOR 6380 Practicum 2	SPOR 6380 Practicum 2	SPOR 6380 Practicum 2

COURSE DESCRIPTIONS – POSTGRADUATE DIPLOMA / MSC. SPORT WITH CONCENTRATION IN: COACHING| KINETICS| BIOMECHANICS | STRENGTH AND CONDITIONING

SPCH 6330 - Diagnostic Analysis of Sport Coaching
The nature of sport training and competition makes it impractical for coaches to record key details regarding individual athlete and team performances. Hence analysis based on keen observation, recall and interpreted through prescribed objective criteria is a fundamental tool for coaching effectiveness. This course will expose students to the use of objective criteria to analyze coaching sessions based on observation and recall to improve quality of these interactions.

SPCH 6331 - Talent Identification and Development
Talent identification is an important feature of sustainable sport development. All sporting professionals should be equipped with the relevant expertise to aid with talent identification for different sports. This course provides a critique of models of talent identification. It aims to assist coaches and governing bodies to identify and develop promising athletes as part of sport development in our region.

SPCH 6332 - Coach Mentoring and Development
Sustainable sport development requires a focus on, not just athlete, but also coach development. Mentorship programmes are an important aspect of coach development and this course is designed to prepare coaches to be mentors for other coaches. Sport professionals will be exposed to mentoring models, communities of practice and sources of feedback in the coaching environment.

SPBM 6350 - Neuromuscular Biomechanics
Movement results from a complex interaction among many systems including the neuromuscular and sensorimotor systems. A good understanding of these interactions allows individuals to adopt a more comprehensive approaching training movement to improve sport performance. The sensorimotor systems contribute significantly to movement. This course will examine the relationship between force and movement, the interaction of the neuromuscular and sensorimotor systems to produce movement and the acute and chronic adaptions that occur with training.

SPBM 6351 - Biomechanics of Throwing Movements
Persons working with individuals to improve movement, athletic performance and exercise performance must have a good understanding of how the human body produces forces to maintain positions and generate movement. They also need to understand the impact of external forces and how to manipulate these forces to optimize training effects. This course will focus specifically on the biomechanical analysis of movements in throwing and racket sports.

SPBM 6352 - Current topics in Sport Biomechanics
A good understanding of sport biomechanics is essential for those working in coaching and sport training. Modelling and methods of analysis are constantly evolving, and sport practitioners are therefore required to keep updated on changes. This course will take the form of webinars and other online presentations which will be delivered by students in the course as well as guest lecturers.

SPBM 6353 - Biomechanics of Sprints, Hurdles and Jumps
Persons working with individuals to improve movement, athletic performance and exercise performance must have a good understanding of how the human body produces forces to maintain positions and generate movement. They also need to understand the impact of external forces and

how to manipulate these forces to optimize training effects. This course will focus specifically on the biomechanical analysis of activities involving running and jumping.

SPBM 6354 - Adaptive Sports Biomechanics
Persons working in sports should be adequately equipped to work with athletes with special needs. This includes having a good understanding of the altered biomechanics that occurs with physical disabilities and the associate injuries to which these athletes are predisposed. This course will examine biomechanics associated sports played from wheelchairs and use of other assistive devices by athletes with physical disabilities.

SPKN 6340 - Kinetics and Upper Body Injuries
A good understanding of the mechanics of injury is important for the development of prevention programmes. This course exposes sport professionals to the common upper body injuries that occur in sport, the mechanism of injuries and exercise programmes that can be implemented to prevent injury.

SPKN 6341 - Kinetics and Lower Body Injuries
A good understanding of the mechanics of injury is important for the development of prevention programmes. This course exposes sport professionals to the common lower body injuries that occur in sport, the mechanisms of injuries and exercise programmes that can be implemented to prevent injury.

SPKN 6342 - Current topics in Human Kinetics
Kinetics is an evolving science with methods and process for evaluating human performance changing with technological advancements. Persons pursuing higher degrees in sport must keep abreast of these developments and should be able to guide organizations and athletes on adoption and implementation techniques for improving sport performance.

SPOR 6370 - Practicum 1
This course provides the student with an opportunity to have face-to-face sessions with instructors who are knowledgeable in different aspects of sport coaching, biomechanics, kinetics and strength and conditioning. The course is conducted onsite at the Mona campus and students are expected to cover all costs associated with attending the practicum (airfare, accommodation, meals). Lectures will be followed by lab sessions involving assessment of athletes, coaching sessions or case studies. Activities are designed to help students translate theory to practice and work as part of an interdisciplinary team consisting of coaches, biomechanics and kinetics experts, strength and conditioning, experts and health care professionals. *Students will interact with and conduct evaluations of healthy athletes with a focus on racket and throwing sports*.

SPOR 6380 - Practicum 2
This course provides the student with an opportunity to have face-to-face sessions with instructors who are knowledgeable on different aspects of sport coaching, biomechanics, kinetics and strength and conditioning. The course is conducted onsite at the Mona campus and students are expected to cover all costs associated with attending the practicum (airfare, accommodation, meals). Lectures will be followed by lab sessions involving assessment of athletes, coaching sessions or case studies. Activities are designed to help students translate theory to practice and work as part of an interdisciplinary team consisting of coaches, biomechanics and kinetics experts, strength and conditioning, experts and health care professionals. *Students will interact with injured athletes with a bias to sports involving mostly the lower limbs (track events, football, rugby etc).*

SPOR 6390 - Research Project
Graduate students in the MSc Sport are expected to contribute to the development of sport research in the region. Under the guidance of the supervisor students will proceed to conduct the research based on the protocol that they developed during the Research Methods and Biostatistics course (SPPT 6111). They will collect and analyze data and prepare a draft of a paper for publication in an agreed upon journal. Students will also be exposed to publishing ethics.

SPST 6360 - Performance Nutrition and Ergogenic Aids
This course details the dietary consumption practices required of professional athletes to optimize performance without compromising compliance with World Anti-doping Agency's (WADA) guidelines. Professional athletes invest considerable resources in enhancing their competitive abilities. A critical aspect of the preparation must be thorough knowledge of and appreciation for international regulations to avoid sanctions that have varying degrees and types of consequences for their athletic careers.

SPST 6361 - Tactical Strength and Conditioning Training
This course is designed to assist athletes, coaches and tactical professionals to learn and apply the principles of strength and conditioning training to tactical personnel like military, firefighters and police officers. The course enforces the utilization of scientific principles of strength and conditioning to decrease or prevent injuries and to increase longevity and effectiveness of athletes and tactical professionals.

SPST 6362 - Training for Extreme Environments
Sporting activities occur in different climatic conditions, including extreme conditions such as high altitude, hypobaric environments, extreme heat and cold and severe air pollution. It is important for persons working with athletes and active individuals to understand the impact of these conditions on the human body. This course exposes students to the physiological impact of heat, cold, high altitude, and hypobaric environments on the human body as well as strategies to prepare for competition in these environments. Extreme sports and physiological preparation for such sports will also be examined.

Postgraduate Certificate Pain Management in Athletes | Postgraduate Diploma/ MSc. Interdisciplinary Sport Pain Management

Aims and Objectives of the Programme

Pain is a multidimensional phenomenon and failure to manage it properly can often lead to a premature end to an athlete's career. This distance based, interprofessional, training programme is modeled from the curriculum recommended by the International Association for the Study of Pain (IASP) and is specifically designed for health professionals involved in the treatment of athletes with chronic painful conditions.
This programme will cover the foundations of chronic pain neuroscience, pain assessment, measurement of pain, interdisciplinary pain management using pharmacological and non-pharmacological treatments, and topical issues in pain management of athletes.

The management of athletic injuries and pain in athletes requires mutual respect and collaboration among all professionals involved. The objectives of this interprofessional programme are to produce a pool of professionals who can:

1. differentiate between physiological, physical, psychosocial, and emotional elements of pain in athletes;
2. use both pharmacological and non-pharmacological treatments in the development of multimodal pain management programmes for athletes;
3. create multidisciplinary pain management programmes for athletes who are suffering from pain;
4. use evidence-based practices to guide all aspects of pain management of athletes;
5. engage in research to develop best practice guidelines for the management of pain in athletes;
6. promote a culture of mutual respect and interdisciplinary engagement in the management of pain in athletes;
7. engage in discourse on ethical issues surrounding pain management and pain research in athletes.

Entry Requirements

The minimum requirement for admission to the certificate Pain Management in Athletes, the Graduate Diploma Interdisciplinary Sport Pain Management or the MSc. Interdisciplinary Sport Pain Management programmes shall be:

I. bachelor's degree in a health care related discipline (dentistry, medicine, nursing, occupational therapy, pharmacy, physical therapy, psychology, and/or clinical social work) with a minimum GPA of 2.5, a lower Second Class Honours Bachelor's degree or its equivalent from an institution approved by The University of the West Indies;

OR

II. Students who do not possess a first degree can matriculate under the mature matriculation requirements of the UWI. This will include transcript evaluation and submission of: a Portfolio that documents work experience in managing pain in their

relevant health profession, accomplishments; Statement of Purpose, Professional References, Interviews.

OR

III. other qualifications and experience approved by the Board for Graduate Studies and Research. The Faculty shall consider other applications based on other criteria including (academic potential, experience in an area of sport, accomplishments, contribution to local, national, regional Sport, statement of purpose, recommendations);

IV. registration for practice in their respective countries with the appropriate governing body eg. medical council, pharmacy council, council for professions supplementary to medicine. Copy of the licence/registration to practice must be submitted.

Health care professionals meeting the requirements of either I or II can register for single modules to receive continuing professional education credits..

Programme Structure

MSc. Interdisciplinary Sport Pain Management — 10 courses delivered over 24 months with a total of 39 credits.

Postgraduate Diploma Interdisciplinary Sport Pain Management — 7 courses delivered over 16 months with a total of 27 credits.

Postgraduate Certificate Pain Management in Athletes — 4 courses delivered over 8 months with a total of 18 credits.

All courses are delivered online except for the practicum which is face to face on the Mona Campus. This is a requirement for both the MSc. and Postgraduate diploma programmes. Students are responsible for all costs associated with attending this practicum.

Students entering the certificate or diploma can choose to transfer to the master's degree during the course of study. Likewise, students who begin the MSc. can opt to transfer to the postgraduate diploma or the certificate if they are unable to continue the Masters.

Courses

Year 1
Semester 1
SPIP6220 Multidimensional Nature of Pain
SPIP6221 Pharmacological Management of Pain in Athletes.

Semester 2
SPIP6222 Non-pharmacological Management of Pain in Athletes
SPIP6223 Pain Assessment and Measurement

Summer
SPIP6230 Interdisciplinary Pain Management Practicum
SPPT6111 Research Methods and Biostatistics

Year 2
Semester 1
SPIP6224 Evidence-based Pain Management for Sport injuries
SPIP6225 Current Topics in Pain Management of Athletes

Semester 2
SPIP6226 Ethical Issues in Pain Management and Pain Research

Summer
SPIP6240 Research project

COURSE DESCRIPTIONS – Postgraduate Certificate Pain Management in Athletes| Postgraduate Diploma/ MSc. Interdisciplinary Sport Pain Management

SPIP6220 Multidimensional Nature of Pain
Pain is a complex phenomenon which requires a multidisciplinary approach for effective management. This course will explore the neurophysiology and anatomy of pain. Students will be exposed to the Biopsychosocial model which will form the foundation for assessment and management of athletes suffering pain.

SPIP6221 Pharmacological Management of Pain in Athletes
Pharmacological agents have an important role in the management of acute and chronic pain. For athletes this becomes more complicated as persons prescribing pharmaceutical agents must be aware of regulations surrounding drug use and legal requirements to prevent accusations of doping. This course will cover the pharmacology, routes of administration, adverse effects, interactions and indications of analgesic drugs, and the evidence surrounding their use in athletes. Students will also be exposed to doping regulations and the International Olympic Committee guidelines on pain management in athletes.

SPIP6222 Non-Pharmacological Management of Pain in Athletes
The multidimensional nature of pain requires that non-pharmacological therapies and interventions are offered as part of an interdisciplinary programme. This is especially relevant in chronic pain management where patients may not respond to pharmacotherapy and may have psychosocial comorbidities. Content will cover the different approaches available including traditional physical and psychological therapies, interventional approaches, as well as complementary therapies. The evidence surrounding these approaches will be examined to inform best practice in pain management.

SPIP6223 Pain Assessment and Measurement
Comprehensive pain assessment and measurement is essential for effective management of chronic pain. This requires a good understanding of the biopsychosocial (BPS) model which will be examined in this course along with its application to pain assessment and measurement.

SPIP 6230 Interdisciplinary Pain Management Practicum
This course provides the student with an opportunity to have face-to-face sessions with instructors who are knowledgeable on different aspects of pain management in athletes. The course is conducted onsite at the Mona campus and students are expected to cover all costs associated with attending the practicum (airfare, accommodation, meals).
The course includes assessment techniques and hands-on workshops on non-pharmacological techniques for pain management in athletes. Teams of different health professionals will assess and plan treatment programmes based on patient profiles presented in case studies as well as evaluation reports of actual patients. The aim is to facilitate the acquisition of skills and the application of principles of interdisciplinary pain management.

SPPT 6111 Research Methods and Biostatistics

This course is designed to introduce the candidate to the principles of research methodology. It provides an introduction to statistics and data analysis. It will enable the candidate to design a research project which is a requirement for the fulfilment of the degree programme.

SPIP6224 Ethical Issues in Pain Management and Pain Research
There are numerous ethical concerns surrounding pain management and pain research in athletes which sport personnel should be versed in. This course will expose students to ethical guidelines associated with the use of analgesics in athletes as well as international guidelines governing research in humans with a special focus on research in athletes.

SPIP6225 Current topics in pain management of athletes
Pain management is an evolving science. So, too is the regulations surrounding doping in sport. It is important for persons managing athletes to be constantly updated on regulatory changes and management protocols so that they can ensure that treatment remains within a legal, ethical and moral framework. They also need to be aware of the controversial issues surrounding pain management in athletes. This course will take the form of ongoing presentations by students and a few guest lecturers together with in course assignments.

SPIP6226 Evidence based pain management for sport injuries
This course is designed to further develop Evidence Based Practice (EBP) skills to which the student would have been exposed in their undergraduate training programmes in their relevant disciplines. The course will focus specifically on application of EBP skills to acute and chronic pain management of sport related injuries. Students will work through the process of writing good clinical questions, searching for the evidence, analyzing the research and applying to clinical practice. The student will learn how to use Critical Appraisal Templates (CATs) and will be able to work through strategies for successfully implementing EBP in their work environments.

SPIP 6240 Research Project
Graduate students in this programme are expected to contribute to the body of knowledge on pain and pain management in athletes. Under the guidance of the supervisor students will proceed to conduct the research based on the protocol that they developed during the Research Methods and Biostatistics course (SPPT 6111). They will collect and analyse data and prepare a draft of a paper for publication in an agreed upon journal. Students will also be exposed to publishing ethics.

MPhil and PhD in Sport

A. PROGRAMME SUMMARY

Sport touches society in every way. Participation leads to team spirit and fair play. Communities and Countries in the Caribbean are identified by sport and most people identify with sport. Study in Sport can involve sociological aspects, economic impact, scientific interventions and psychological effects on groups of people, countries or the region as a whole. This programme allows students to do in-depth research into any aspect of Sport that has a bearing on the West Indian Society.

B. ACADEMIC AIMS AND OBJECTIVES

The purpose of this programme is to introduce the study of Sport at the MPhil and PhD level. World over, studies in Sport have led to improved athletic performance as well as brought innovation into all aspects of Sport: performance, commercial, and safety. They have informed sport policy or changed regulations in sport. Well-constructed research questions and well designed studies have advanced sport in every way. In the West Indies, Sport defines many societies and gives identities to many nations. Sport has given us recognition and allowed us to compete and be competitive against teams from territories much larger than us.

A MPhil or PhD in Sport can attract entrants from many fields due to its multidisciplinary, cross faculty appeal. Depending on the area of interest, entrants could be from backgrounds such as:

- Sports Sciences – with an interest in pursuing applied aspects of Biomechanics, Sports Nutrition, Exercise Physiology, Coaching
- Social Sciences – with an interest in pursuing the impact of sport and its participation on society, sports governance, sports management, sports tourism
- Arts and Education – with an interest in pursuing the history of aspects of sport in the Caribbean
- Legal Studies – Sports Law and arbitration

Local research on Sport in the Caribbean is very limited and has not looked in detail at reasons for our superlative performances, or how to ensure that we continue performing at this level. Additionally, the impact of sport on our societies and economies require in depth study.

The objectives of this programme are:

- To study the impact of Sport on the national identities of the people of the Caribbean and provide a pathway for sustainability of performance in the future
- To study the impact of Sport on the economies of the region and how to maximize revenue through sports tourism, event management and marketing

- To study participation in sport in various sectors of our society and its impact on physical and mental well being
- To formulate policies and recommendations on the use of sport, exercise and nutrition in the reduction of non-communicable diseases in the region
- To study methods of legally improving physical performance/fitness, preventing and managing injuries
- To promote physical literacy
- To formulate and develop policies and structures for best practices in the advancement of sport relevant to the region
- To integrate resources and to develop strong working collaborations within the UWI campuses to offer joint research projects and to collaborate with top Sporting Universities in the world to introduce cutting edge research in the region.
- To appraise and develop scientific evidence for the current and future policies related to Sport for the region

C. ENTRY REQUIREMENTS

The minimum requirement for admission to the MPhil program shall be a Bachelor's degree with a minimum GPA of 3.0, or an Upper Second Class Honours Bachelor's degree or its equivalent, unless the Campus Committee for Graduate Studies and Research in any particular case otherwise decides.

The minimum requirement for admission to the PhD program shall be any of the following:

I. approved graduate degrees awarded primarily for research in Sport
II. MSc degree in a Sport related discipline from an accredited University (provided that the Masters programme included a research component)
III. approval of an upgrade application
IV. such other qualifications and experience as the Board for Graduate Studies and Research may approve
V. the Faculty shall consider other applications on a case by case (based on the overall academic strength, accomplishments, research strength and publications and experience) for admission into MPhil or Ph.D. programmes

D. COURSE OF STUDY

- Programme duration:
  3 - 5 years – M.Phil
  5 - 7 years – Ph.D

Required Courses (3 credits each):
SPOR 6030 - Data Analysis and Scientific Writing
SPOR 6010 - Becoming an Ethical Researcher
SPOR 6020 - Graduate Research Methods in Sport

Research (6 credits)

Depending on the area of specialization, other courses may be mandated from approved courses of the University of the West Indies

Research Seminars

Students enrolled for an MPhil degree must satisfactorily complete at least two research seminars, to be convened by the relevant Head of Academy of Sport (or their Academic Head), prior to the submission of their MPhil thesis. Students enrolled for a PhD degree must satisfactorily complete three such seminars. The upgrade seminar will count as one of the three seminars for the PhD, provided that it is not the last seminar. Assessment of students' seminars must be included in their Progress Reports.

Candidates are required to present and defend a thesis of acceptable scope and quality for the degree. The Thesis must follow the guidelines set out in the University's Thesis Guide.

E. FEES

The cost of the programme is J$450,000 Jamaican dollars per annum.

F. RESEARCH FUNDING

Postgraduate Scholarships are available through the Office of Graduate Studies and Research. Application forms are available at www.mona.uwi.edu/postgrad/

Thesis Proposal Guide

The Faculty of Sport requires that you write a preliminary research proposal outlining the research topic you intend to pursue, research methodologies that you will use to collect data for analysis, anticipated significance of the results, how the planned research will contribute to the body of knowledge in sport, potential barriers and strategies to overcome them. You should also provide evidence that you have read relevant literature including existing research studies on the topic, by presenting a list of reference at the end of the document.

The content and format of the research proposal will be revised as you learn more about the research process in seminars. However at this stage, your topic or area of interest with accompanying research process outline, will be used for identifying supervisors with the qualifications, experience, competences and interest to guide you through your thesis preparation. Where necessary indicate name and contact information for your intended thesis Supervisor.

Suggested format for preparing your proposal:

1. Research Topic
   This will be a working title for your proposed research. It may also be a problem statement.

2. Research Context
   Explain the academic, social, political, governance, sustainable development, global Sport trend etc. out of which the proposed research emerges. What will be the scope and impact of your research?

3. Research Purpose
   A clear statement that highlights your research intent and the issues/problems in Sport that your proposed research will address/solve. What will your intended research accomplish?

4. Significance of Research
   Why an investigation/exploration of your topic is relevant now? For whom will your research have significance? How will your research address the gaps in knowledge on the subject? How will the results of your research contribute to the existing body of literature on the subject? Consider how your research may shape Sport Policy, practices, foster economic/community development through Sport etc.

5. Research Questions
   Provide the primary question that you will investigate as well as two to three sub-questions or objectives. Ensure that your question is broad but focused to pursue a relevant and in-depth academic inquiry within the recommended timeline for fulfilling the MPhil/PhD.

6a. Research Methods

   How will you investigate your research question? Describe the methodologies to be employed, population, sampling techniques and data-collection instruments. Include justification and refer to relevant sources for your choices.

6b. Theoretical Framework

Review relevant literature and select, summarize and analyse important works including: theories, related research, reports, policy documents that undergird the research you are planning to undertake. Show how your proposed research is linked to these bodies of work.

7. Research Timetable

A draft timetable for completion of the thesis, remembering that activities can run concurrently. Plan around research methods courses that you will take during the first two semesters to equip you to refine your proposal, develop research instruments, learn how to use data analysis tools etc.

8. References

A list of all works referred to in your proposal. Quality is more important than quantity, demonstrating background reading of relevant literature - both subject-specific and methodological.

Should you have questions about this task contact:

Dr. Claudette Coote-Thompson
Curriculum Development Specialist
Faculty of Sport
claudette.cootethompson@uwimona.edu.jm

COURSE DESCRIPTIONS – MPHIL AND PHD IN SPORT

SPOR 6010 - Becoming an Ethical Researcher

Scientific progress has been marred by a long history of abuse of humans and animals in the pursuit of knowledge. Graduate students must be exposed to ethical guidelines and issues related to the conduct of research with humans and animals. This course is designed to expose students to the role and function of ethics committees and regional and local guidelines governing conduct of research. Students will explore ethical issues associated with specific research designs. Researcher misconduct and consequences of misconduct will also be explored.

SPOR 6020 - Graduate Research Methods in Sport

Students engaged in graduate studies must have a more in depth understanding of research methodologies and measurement issues in research. This course builds on undergraduate research methods courses and explores selected aspects of quantitative and qualitative research designs in greater depth. Students will be exposed to different research papers and will critically analyze whether methodologies were best suited to answering research questions. They will also be presented with research questions and will be required to propose and justify specific designs for answering these questions. Critical appraisal of published literature and methods of grading quality of publications will be explored. Students will also be exposed to instrument development and validation.

SPOR 6030 - Data Analysis and Scientific Writing

Graduate students must be able to analyse data from different types of research and prepare research papers for scientific peer-review journals. This course is designed to teach students how to use software to conduct qualitative and quantitative analysis. During the course students will be given sample data sets to work with and will be shown how to use different programmes to analyse data. They will also be exposed to the process of determining relevant statistical tests for analysing different types of data, interpretation of statistical findings and writing up of the results section of papers.

APPENDIX

General Regulations for the Graduate Degree Programmes

Note:
Please visit the Board for Graduate Studies link below for general postgraduate regulations which apply across all the UWI campuses.

http://www.uwi.edu/sf-docs/default-source/default-document-library/click-here.pdf?sfvrsn=0

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