

B.Sc. in Sports and Exercise Physiology

Duration:

3 years (SIX SEMESTERS)

Eligibility:

10+2 with 50% marks (With PCB)

Curriculum

Subject Code	Theory/ Practical/ Project	Subject	Marks	Credit
1st SEMESTER (CORE COURSES)				
BSEP 101	Theory	Fundamentals of Exercise Physiology	50	4
BSEP 102	Theory	Basic System Physiology in Sports & Exercise	50	4
BSEP 103	Theory	Environmental Studies	50	4
BSEP 104	Practical	Fundamentals of Exercise Physiology & Principles of Sports Training	50	4
BSEP 105	Theory	Sports Sociology I	50	4
Total			250	20
2nd SEMESTER(CORE COURSES)				
BSEP 201	Theory	Environmental exercise physiology	50	4
BSEP 203	Theory	Biomedical Instrumentation	50	4
BSEP 203	Theory	Health Education, First Aid and safety measures	50	4
BSEP 204	Practical	Applied Sports Physiology	50	4
BSEP 205	Theory	Sports Sociology II	50	4
Total			250	20
3rd SEMESTER(CORE COURSES & GENERIC ELECTIVE COURSES)				
BSEP 301	Theory	Applied Sports Physiology & Physiological Support of Athletes	50	4
BSEP 302	Theory	Physiology of training	50	4
BSEP 303	Practical	Applied Sports Physiology	50	4
BSEP 304	Theory	Physiology of Performance	50	4
BSEP 305	Theory	Students will opt subjects offered by other Departments	50	4

Total			250	20
4th SEMESTER (CORE COURSES & DISCIPLINE SPECIFIC ELECTIVE COURSES)				
BSEP 401	Theory	Exercise Immunology, Sports Genetics	50	4
BSEP 402	Theory	Research Methodology & Statistical Methods in Sports	50	4
BSEP 403	Theory	Statistical Methods in Sports & Computer Applications	50	4
BSEP 404	Practical	Flexibility testing	50	4
BSEP 405	Theory	Students will opt subjects offered by other Departments	50	4
Total				
5th SEMESTER (CORE COURSES & DISCIPLINE SPECIFIC ELECTIVE COURSES)				
BSEP 501	Theory	Sports Biomechanics	50	4
BSEP 502	Theory	Kinesiology and Motor Learning	50	4
BSEP 503	Practical	Sports Biomechanics and Kinesiology	50	4
BSEP 504	Theory	Students will opt subjects offered by other Departments	50	4
BSEP 505	Theory	Students will opt subjects offered by other Departments	50	4
6th SEMESTER (CORE COURSES & DISCIPLINE SPECIFIC ELECTIVE COURSES)				
BSEP 601	Theory	Clinical exercise physiology	50	4
BSEP 602	Theory	Students will opt subjects offered by the Department	50	4
BSEP 603	Theory	Students will opt subjects offered by the Department	50	4
BSEP 604	Practical	Students will opt subjects offered by the Department	50	4
BSEP 605	Major Project	Students will opt subjects offered by the Departments (a) Project work & Seminar; (b) Viva	50	4
Total			250	20
Grand Total				