

B.Sc. (SPORTS & EXERCISE SCIENCES)-FOUR YEARS
(6+2 SEMESTERS)
PROGRAM STRUCTURE (SEMESTER-WISE)
Faculty of Physiotherapy, SGT University

S. No.	Semester/Year	Council Code (If any)	Subject Code (If already existing)	Nomenclature	Theory/ Practical/	Core /DSE/ AECC/ SEC/VAC/ GE/MGEC/S subsidiary	Theory/Practical (Result Combined or Separate)	L	T	P	Credits	Theory		Theory (Internal)						Practical			Practical (Internal)						Overall Marks	Overall Pass Marks	End Term Examination Overall Passing Criteria: Theory: [External+Internal] or Practical: [External+Internal]	If Combined: Theory+Practical
												Max	Pass	Periodic Assessment	Self Directed Learning	Comprehensive Student Assessment	Peer (Group) Activity	Max	Pass	Demonstration/Presentation	Viva-voce	Max	Pass	Practical / Lab / Clinical Proficiency	Viva-Voce / Quiz / Lab Test/ Internal Jury	Documentation & Reporting	Max	Pass				
1	I/I		3200101	Human Anatomy Theory	Theory	Core	Separate	2	-	-	2	20	8	10	5	10	5	30	12	-	-	-	-	-	-	-	-	50	20	External+ Internal	No	
2			3200102	Human Anatomy Practical	Practical	Core	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
3			3200103	Human Physiology Theory	Theory	Core	Separate	2	-	-	2	20	8	10	5	10	5	30	12	-	-	-	-	-	-	-	-	50	20	External+ Internal	No	
4			3200104	Human Physiology Practical	Practical	Core	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
5			3200105	Introduction and foundations of sports sciences Theory	Theory	Core	Separate	2	-	-	2	20	8	10	5	10	5	30	12	-	-	-	-	-	-	-	-	-	50	20	External+ Internal	No
6			3200106	Introduction and foundations of sports sciences Practical	Practical	Core	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
7			3200107	Practices of game and sports-I (Individual sports)	Practical	Core	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
8			3200108	VAC- Value Added Course		VAC	Separate	2	-	-	2	20	8	5	5	5	15	30	12	-	-	-	-	-	-	-	-	-	50	20	External+ Internal	No
9			3200109	AECC- Ability Enhancement Compulsory Course		AECC	Separate	2	-	-	2	20	8	5	5	5	15	30	12	-	-	-	-	-	-	-	-	-	50	20	External+ Internal	No
10			3200110	MGEC- Multidisciplinary Genric Elective Course		MGEC	Separate	4	-	-	4	40	16	10	10	10	30	60	24	-	-	-	-	-	-	-	-	-	100	40	External+ Internal	No
Total Credits for Semester								14	0	16	22																					
1	II/I		3200201	Sports Psychology	Theory	Core	Separate	4	-	-	4	40	16	10	10	10	10	60	24	-	-	-	-	-	-	-	-	100	40	External+ Internal	No	
2			3200202	Fundamentals of Biomechanics and Kinesiology Theory	Theory	Core	Separate	2	-	-	2	20	8	10	5	10	5	30	12	-	-	-	-	-	-	-	-	50	20	External+ Internal	No	
3			3200203	Fundamentals of Biomechanics and Kinesiology Practical	Practical		Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
4			3200204	Basics of Biochemistry and Pharmacology	Theory	Core	Separate	4	-		4	40	16	10	10	10	10	60	24	-	-	-	-	-	-	-	-	-	100	40	External+ Internal	No
5			3200205	Practices of game and sports-I (Individual sports)	Practical	SEC	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
6			3200206	VAC- Value Added Course		VAC	Separate	2	-	-	2	20	8	5	5	5	15	30	12	-	-	-	-	-	-	-	-	-	50	20	External+ Internal	No
7			3200207	AECC- Ability Enhancement Compulsory Course		AECC	Separate	2	-	-	2	20	8	5	5	5	15	30	12	-	-	-	-	-	-	-	-	50	20	External+ Internal	No	
8			3200208	MGEC- Multidisciplinary Genric Elective Course		MGEC	Separate	4	-	-	4	40	16	10	10	10	30	60	24	-	-	-	-	-	-	-	-	100	40	External+ Internal	No	
Total Credits for Semester								18	0	8	22																					
1	III/II		3200301	Sports Biomechanics- Theory	Theory	Core	Separate	2	-	-	2	20	8	10	5	10	5	30	12	-	-	-	-	-	-	-	-	50	20	External+ Internal	No	
2			3200302	Sports Biomechanics- Practical	Practical	Core	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
3			3200303	Exercise Physiology-Theory	Theory	Core	Separate	2	-	-	2	20	8	10	5	10	5	30	12	-	-	-	-	-	-	-	-	50	20	External+ Internal	No	
4			3200304	Exercise Physiology Practical	Practical	Core	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
5			3200305	Introduction to training methodology Theory	Theory	Core	Separate	2	-	-	2	20	8	10	5	10	5	30	12	-	-	-	-	-	-	-	-	-	50	20	External+ Internal	No
6			3200306	Introduction to training methodology Practical	Practical	Core	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
7			3200307	Practice of games and sports-II (Team sports)	Practical	SEC	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
8			3200308	VAC- Value Added Course		VAC	Separate	2	-	-	2	20	8	5	5	5	15	30	12	-	-	-	-	-	-	-	-	-	50	20	External+ Internal	No
9			3200309	AECC- Ability Enhancement Compulsory Course		AECC	Separate	2	-	-	2	20	8	5	5	5	15	30	12	-	-	-	-	-	-	-	-	-	50	20	External+ Internal	No
10			3200310	MGEC- Multidisciplinary Genric Elective Course		MGEC	Separate	4	-	-	4	40	16	10	10	10	30	60	24	-	-	-	-	-	-	-	-	-	100	40	External+ Internal	No
Total Credits for Semester								14	0	16	22																					
1			3200401	Applied sports physiology Theory	Theory	Core	Separate	2	-	-	2	20	8	10	5	10	5	30	12	-	-	-	-	-	-	-	-	50	20	External+ Internal	No	
2			3200402	Applied sports physiology practical	Practical	Core	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No

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												Theory		Theory (Internal)					Practical				Practical (Internal)									
S. No.	Semester/Year	Council Code (If any)	Subject Code (If already existing)	Nomenclature	Theory/ Practical/	Core /DSE/ AECC/ SEC/VAC/ GE/MGEC/S ubsidary	Theory/Practical (Result Combined or Separate)	L	T	P	Credits	Max	Pass	Periodic Assessment	Self Directed Learning	Comprehensive Student Assessment	Peer (Group) Activity	Max	Pass	Demonstration/Presentation	Viva-voce	Max	Pass	Practical / Lab / Clinical Proficiency	Viva-Voce / Quiz / Lab Test/ Internal Jury	Documentation & Reporting	Max	Pass	Overall Marks	Overall Pass Marks	End Term Examination Overall Passing Criteria: Theory: [External+Internal] or Practical: [External+Internal]	If Combined: Theory+Practical
3	IV/II		3200403	Essentials of strength and conditioning Theory	Theory	Core	Separate	2	-	-	2	20	8	10	5	10	5	30	12	-	-	-	-	-	-	-	-	-	50	20	External+ Internal	No
4			3200404	Essentials of strength and conditioning Practical	Practical	Core	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
5			3200405	Research methodology and biostatistics	Theory	Core	Separate	4	-	-	4	40	16	10	10	10	10	60	24	-	-	-	-	-	-	-	-	-	100	40	External+ Internal	No
6			3200406	Practices of games and sports-II (Team sports)	Practical	Core	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
7			3200407	VAC- Value Added Course		VAC	Separate	2	-	-	2	20	8	5	5	5	15	30	12	-	-	-	-	-	-	-	-	-	50	20	External+ Internal	No
8			3200408	AECC- Ability Enhancement Compulsory Course		AECC	Separate	2	-	-	2	20	8	5	5	5	15	30	12	-	-	-	-	-	-	-	-	-	50	20	External+ Internal	No
9			3200409	MGEC- Multidisciplinary Genric Elective Course		MGEC	Separate	4	-	-	4	40	16	10	10	10	30	60	24	-	-	-	-	-	-	-	-	-	100	40	External+ Internal	No
Total Credits for Semester								16	0	12	22																					
1	V/III		3200501	Exercise testing, evaluation and prescription Theory	Theory	Core	Separate	2	-	-	2	20	8	10	5	10	5	30	12	-	-	-	-	-	-	-	-	-	50	20	External+ Internal	No
2			3200502	Exercise testing, evaluation and prescription Practical	Practical	Core	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
3			3200503	Prevention and Management of athletic injuries Theory	Theory	Core	Separate	2	-	-	2	20	8	10	5	10	5	30	12	-	-	-	-	-	-	-	-	-	50	20	External+ Internal	No
4			3200504	Prevention and Management of athletic injuries Practical	Practical	Core	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
5			3200505	Kinanthropometry in Sports Theory	Theory	Core	Separate	2	-	-	2	20	8	10	5	10	5	30	12	-	-	-	-	-	-	-	-	-	50	20	External+ Internal	No
6			3200506	Kinanthropometry in Sports Practical	Practical	Core	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
7			3200507	Sports medicine and doping	Theory	Core	Separate	4	-	-	4	40	16	10	10	10	10	60	24	-	-	-	-	-	-	-	-	-	100	40	External+ Internal	No
8			3200508	Sports administration and Management Theory	Theory	DSE	Separate	2	-	-	4	40	16	10	10	10	10	60	24	-	-	-	-	-	-	-	-	-	100	40	External+ Internal	No
9			3200509	Sports administration and Management Practical	Practical	DSE	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
10			3200510	Project Work/Dissertation	Practical	SEC	Separate	-	-	8	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
Total Credits for Semester								12	0	24	24																					
1	VI/III		3200601	Sports performance analysis Theory	Theory	Core	Separate	2	-	-	2	20	8	10	5	10	5	30	12	-	-	-	-	-	-	-	-	-	50	20	External+ Internal	No
2			3200602	Sports performance analysis Practical	Practical	Core	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
3			3200603	Sports Digitization & Data Analytics Theory	Theory	DSE	Separate	2	-	-	2	20	8	10	5	10	5	30	12	-	-	-	-	-	-	-	-	-	50	20	External+ Internal	No
4			3200604	Sports Digitization & Data Analytics Prcatical	Practical	DSE	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
5			3200605	*Internship		IAPC	Separate	12 weeks			12	-	-	-	-	-	-	-	-	-	-	-	-	50	50	50	150	60	150	60	Internal	No
Total Credits for Semester											20																					
*Note: Students will complete theory hours in the first half of the semester, then Internship will be undertaken.																																
1	VII/ IV (Performance Analyst)		3200701	Introduction to Performance Analysis Theory	Theory	Core	Separate	2	-	-	2	20	8	10	5	10	5	30	12	-	-	-	-	-	-	-	-	-	50	20	External+ Internal	No
2			3200702	Introduction to Performance Analysis Practical	Practical	Core	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
3			3200703	Methods & tools to assess performance Theory	Theory	Core	Separate	2	-	-	2	20	8	10	5	10	5	30	12	-	-	-	-	-	-	-	-	-	50	20	External+ Internal	No
4			3200704	Methods & tools to assess performance Practical	Practical	Core	Separate	-	-	4	2	-	-	-	-	-	-	-	-	10	10	20	8	15	10	5	30	12	50	20	External+ Internal	No
5			3200705	Pre, live and post-game analysis Theory	Theory	Core	Separate	2	-	-	2	20	8	10	5	10	5	30	12	-	-	-	-	-	-	-	-	-	50	20	External+ Internal	No

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