

# Kaohsiung Medical University Department of Sports Medicine

Curriculum Design (For students enrolled in the 111 school year)

## The First Year

### Required Courses

Course Name	Credits	Semester	
		1st	2nd
Chinese	4	2	2
English Reading	4	2	2
English Listening and Oral Practice	2	1	1
Application of Computer and Information Science	0	0	V
Introduction to University	P/F	V	V
Service Learning	P/F	V	V
Physical Education	0	V	V
<b>Core modules in Basic General Education (BGE)</b>		<b>10</b>	
Calculus	2	0	2
General Physics	2	2	0
General Physics Laboratory	1	0	1
Physiology	4	2	2
Physiology Laboratory	2	0	2
General Psychology	2	2	0
Introduction to Sports Science	2	2	0
Surface Anatomy	2	0	2
Life Planning in Department of Sports Medicine	1	0	1
Synopsis of Biochemistry	2	0	2
<b>Core modules in Profession</b>		<b>20</b>	

### Optional Courses

Course Name	Credits	Semester	
		1st	2nd
General Biology(B)	4	2	2
General Chemistry	4	2	2
General Biology Laboratory	1	0	1
Japanese(1)	4	2	2
Spanish(1)	4	2	2
German(1)	4	2	2
All-out Defense Education Military Training-Civil Defense	2	1	1

Sports History	2	2	0
Organic Chemistry	2	0	2
General Education (GE)		18	
<b>Total credits of optional modules (including general education)</b>			<b>45</b>

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### Required Courses

Course Name	Credits	Semester	
		1st	2nd
Biostatistics	2	2	0
Sports Psychology	2	2	0
Exercise Physiology	2	2	0
Anatomy	2	2	0
Anatomy Laboratory	1	0	1
Introduction of sports Injury prevention and Management	2	2	0
Kinesiology	2	0	2
Sports & Exercise Nutrition	2	2	0
First-Aid and Laboratory	2	0	2
Physical Education	0	V	V
Physical Fitness Testing & Evaluation	2	0	2
<b>Core modules in Profession</b>		<b>19</b>	

### Optional Courses

Course Name	Credits	Semester	
		1st	2nd
All-out Defense Education Military Training-Civil Defense	2	1	1
The Application of Nutritional Ergogenic Supplement	2	0	2
Yoga and Pilates	2	2	2
Health Management	3	3	0
Health and Sports for Geriatric	2	2	0
Introduction to Orthopaedics	2	0	2
Physical Examination & Sports Injury Rehabilitation	2	0	2
Sports and Doping	2	0	2
Weight Training	2	2	2
Aerobic Dance	2	2	2
General Education (GE)		18	
<b>Total credits of optional modules (including general education)</b>		<b>39</b>	

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## The Third Year

### Required Courses

Course Name	Credits	Semester	
		1st	2nd
Prevention and Management of Sports Injury	2	2	0
Prevention and Management of Sports Injury Laboratory	1	1	0
Evaluations to Athletic Injuries	2	0	2
Exercise Prescription	2	2	0
Exercise Prescription Laboratory	1	1	0
Therapeutic Modalities	2	0	2
Therapeutic Modalities Laboratory	1	0	1
Sports Biomechanics	2	2	0
Sports Massage	2	0	2
Introduction to Clinical Medicine	1	0	1
Clinical Practice	1	0	1
Athletic Taping	2	2	0
Athletic Taping Laboratory	1	1	0
Advanced Exercise Testing and Prescription	2	0	2
Seminar in Sports Medicine	2	0	2
Career Planning in Department of Sports Medicine	1	0	1
Strength Training and Conditioning	2	0	2
<b>Core modules in Profession</b>		<b>27</b>	

### Optional Courses

Course Name	Credits	Semester	
		1st	2nd
Sports and Fitness Equipment Design	2	0	2
Sport-Specific Injuries Prevention and Care	2	0	2
Ergonomics	2	2	0
Nutrition and Weight Control	2	2	0
Traditional & Alternative Therapy	2	0	2
Exercise and Healthcare Management	2	2	0
Core Exercise	2	2	2

Exercise and Instruction for special population	2	2	0
3D printing Application and Implementation	2	2	0
Biomedical devices design and development	2	2	0
Design of Ankle-Foot Orthosis	2	2	0
Design of Knee-Ankle-Foot Orthosis	2	0	2
Practices in health and well-being Device	2	0	2
<b>Total credits of optional modules</b>	<b>26</b>		

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## The Fourth Year

### Required Courses

Course Name	Credits	Semester	
		1st	2nd
Sport Medicine Practice(I)	4	4	0
Sport Medicine Practice (II)	4	0	4
Clinical Case Report	2	1	1
<b>Core modules in Profession</b>		<b>10</b>	

### Optional Courses

Course Name	Credits	Semester	
		1st	2nd
Molecular Medicine in Sports	2	0	2
Practice in Sports Injury Prevention and Management Field	4	2	2
Practice in Physical Fitness Instruction Field	4	2	2
<b>Total credits of optional modules</b>		<b>10</b>	

- At least pass one of the below English qualification.

CEF Index	TOEFL			IELTS	GEPT	TOEIC	CSEPT 第二級	Cambridge Main Suite	BULATS
	ITP	CBT	IBT						
B1 Threshold	500	173	61	4.5	中級初試	600	240	PET	ALTE Level 2
B1 Threshold	523	193	68	5.0	中級複試	700	260	PET	ALTE Level 2
B2 Vantage	520	213	79	5.5	中高級初試	750	320	FCE	ALTE Level 3