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## ②國玄東華大學

## Course Outline 課 體育與運動科學系碩士在職專班

Special Topics in Spo	orts Biomecha	nnics				
	Special Topics in Sports Biomechanics					
PE5485Z	班 別 Degree	碩專班 Master's program				
選修 Elective	學分數 Credit(s)	2. 0	時 數 Hour(s)	2. 0		
	選修 Elective	PE_5485Z Degree  選修 學分數 Elective Credit(s)  課程目標 Course Objectives  定義與範疇。	PE_5485Z Degree Mas 選修 學分數 Credit(s) 2.0  課程目標 Course Objectives  定義與範疇。	Begree Master's progra 選修 學分數 Elective Credit(s) 2.0 時數 Hour(s) #程目標 Course Objectives		

- 了解運動生物力學研究之現況與趨勢。
- 3. 學習運動生物力學之理論與在人體運動中之運用。
- 4. 學習運動生物力學研究。

## 系教育目標 Dept.'s Education Objectives

培養兼具運動自然科學與人文社會之人才。

- To cultivate talents with expertise in both the natural sciences of sports and the humanities and social sciences.
- 培育兼具學理與實務能力之運動科學人才。
- To cultivate sports science professionals with both theoretical knowledge and practical skills.
  - 以學術能力為基礎,增進體育教師之專業成長。
- To enhance the professional development of physical education teachers based on academic competence.

		課程目標與系專業能 力相關性
	系 專 業 能 <b>力</b>	Correlation
	Basic Learning Outcomes	between Course Objectives and Dept.'s Education Objectives
A	具備運動自然科學與人文社會科學之學術研究能力。 To possess academic research capabilities in both the natural sciences of sports and the humanities and social sciences.	•
В	具備體育運動專業領域之實踐能力。 To possess practical capabilities in the professional field of physical education and sports.	0

	具備運動學理與體育實務應用之能力。					
C	To possess the ability to apply sports theory and physical					
	education practices.					
	具備體育教學專業能力。					
D	To possess professional competencies in physical education					
	teaching.					
圖示說明Illustration : ● 高度相關 Highly correlated ○中度相關 Moderately correlated						
	課程大綱					
Course Outline						
1.	1. 運動生物力學相關理論介紹與文獻閱讀。					
2.	測力板實驗儀器與分析軟體教學。					
3.	高速攝實驗儀器與分析軟體教學。					
4.	4. 光學攝實驗儀器與分析軟體教學。					
資源需求評估(師資專長之聘任、儀器設備的配合・・・等)						
Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.)						
運動生物力學領域之專業師資聘任、運動生物力學實驗儀器的配合						
課程要求和教學方式之建議						
Course Requirements and Suggested Teaching Methods						
其他						
	Miscellaneous					