* Course Name	Chinese				
	English	Preparation and Application of Carbon-Based Composite Materials			
* Credits	2	* Teaching Hours	32	1	≥16
* Semester	Spring	* Cross-semester?	No	Spanning over Semesters	
* Course Nature	Specialized Course	* Course Type	For full-time students		
* Course Category	Specialized Elective Course	* Course Level	For All Graduates		
* Instruction Language	Chinese	* Teaching Method	In class teaching		
* Grade	Letter grading	* Exam Method	Tests		
* School					

Subject	Name	ID	School
Person in charge			

3		6		
4		6		
5		8		
6		6		
7		2		

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English Syllabus

Chapter	Main Contents	Hours	Teaching Style	Whether there is ideological and political content
1	Introduction to carbon-based materials: Discovery, classification, development status and application fields	2	In classroom	
2	Zero dimensional carbon-based materials: Preparation and properties of typical zero dimensional carbon materials such as fullerene, preparation science, characterization technology, and application of carbon-based composite materials	2	In classroom	
3	One-dimensional carbon-based materials: Preparation and performance of typical one-dimensional carbon materials such as carbon nanotubes, preparation science, characterization technology, application and challenges of carbon-based composite materials	6	In classroom	
4	Two-dimensional	6	In	

carbon-based materials: Preparation and performance of typical two-dimeo