

National Pingtung University of Science and Technology

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2019 School year 1 Semester

Department :Department of Environmental Science and Engineering

Educational system:Day School Four-Year Undergraduate

Program Grade : 1 Class : A

Serial Number	Course Title	Required/ Elective	Full/Half Yr.	A Semester	Hours	Timetable							Classroom	Instructor	Remarks
						Mon	Tue	Wed	Thu	Fri	Sat	Sun			
	Freshman English(1)	R		2.0	2.0				7 8						
	English Listening & Speaking Practice 101	R	F	1.0	2.0		5 6								
	Courses of General Education	R		2.0	2.0		1 2								
3558	Foreign Language Proficiency Test	R		0.0	0.0								Chiou Chuen-		
3559	Student Life Service Education	R		0.0	2.0	1 2						EP 303	Chiou Chuen-		
3560	Chinese(Reading and Writing)(1)	R		2.0	2.0				5 6			BS 112	Fu Han-Chang		
3561	Freshman P. E. (1)	R		1.0	2.0					5 6		體育館	Lin, Ching Yi		
3562	General Chemistry (1)	R		3.0	3.0			1 2		7		BS 113 BS 113	Lin Chih-Chung		
3563	General Chemistry Lab. (1)	R		1.0	2.0		7 8					BS 110	Chiou Chuen-		
3564	General Physics (1)	R		3.0	3.0				2 3 4			EP 105	Wang Ying-Yi	合班:四環工一A 四環工一B	
3565	General Physics Lab. (1)	R		1.0	2.0			7 8				CE 104	Wang Ying-Yi		
3566	Calculus (1)	R		3.0	3.0	C 5 6						BS 109	Wang Ying-Yi	合班:四環工一A 四環工一B	
3567	Introduction to Environmental Engineering	R		3.0	3.0		3 4	3				EP 105 EP 105	Chan Shui-Jen		
3568	Introduction to Environmental Science	R		2.0	2.0					3 4		BS 109	Sah Jy-Gau	合班:四環工一A 四環工一B	

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2019 School year 1 Semester

Department :Department of Environmental Science and Engineering

Educational system:Day School Four-Year Undergraduate

Program Grade : 1 Class : B

Serial Number	Course Title	Required/ Elective	Full/Half Yr.	A Semester	Hours	Timetable							Classroom	Instructor	Remarks
						Mon	Tue	Wed	Thu	Fri	Sat	Sun			
	Freshman English(1)	R		2.0	2.0				7 8						
	English Listening & Speaking Practice 101	R	F	1.0	2.0		5 6								
	Courses of General Education	R		2.0	2.0		1 2								
3569	Foreign Language Proficiency Test	R		0.0	0.0								Chen Kuan-		
3570	Student Life Service Education	R		0.0	2.0	3 4						CE 407	Chen Kuan-		
3571	Chinese(Reading and Writing)(1)	R		2.0	2.0				5 6			BS 114	Tsai Hui-Kun		
3572	Freshman P.E.(1)	R		1.0	2.0					5 6		體育館	Chen Sheng-		
3573	General Chemistry (1)	R		3.0	3.0			1 2	1			CE 407 CE 407	Chen Kuan-		
3574	General Chemistry Lab. (1)	R		1.0	2.0		7 8					BS 111	Lin Chih-Chung		
3575	General Physics (1)	R		3.0	3.0				2 3 4			EP 105	Wang Ying-Yi	合班:四環工一A 四環工一B	
3576	General Physics Lab. (1)	R		1.0	2.0			5 6				CE 104	Wang Ying-Yi		
3577	Calculus (1)	R		3.0	3.0	C 5 6						BS 109	Wang Ying-Yi	合班:四環工一A 四環工一B	
3578	Introduction to Environmental Engineering	R		3.0	3.0			4 7 8				EP 105	Chan Shui-Jen		
3579	Introduction to Environmental Science	R		2.0	2.0					3 4		BS 109	Sah Jy-Gau	合班:四環工一A 四環工一B	

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2019 School year 1 Semester

Department :Department of Environmental Science and Engineering

Educational system:Day School Four-Year Undergraduate

Program Grade : 2 Class : A

Serial Number	Course Title	Required/ Elective	Full/Half Yr.	A Semester	Hours	Timetable							Classroom	Instructor	Remarks	
						Mon	Tue	Wed	Thu	Fri	Sat	Sun				
	Courses of General Education	R		2.0	2.0		1 2									
	Physical Education	R		1.0	2.0	1 2										
3580	Foreign Language Proficiency Test	R		0.0	0.0									Huang Kuo-Lin		
3581	Engineering Mathematics (2)	R		2.0	2.0		5 6						CE 407	Huang Yi-Chu		
3582	Water Quality Analysis and Lab.	E		2.0	3.0	4 5 6							BS 113 BS 212	Kuo Wen-Chien	合班:四環工二A 四環工二B	
3583	Fluid Mechanics	R		3.0	3.0	3			7 8				BS 113 BS 113	Chen Ting-Chien		
3584	Statistics	R		3.0	3.0			1 2	2				IB 103 BS 113	Lee Jia-twu		
3585	Resource Recovery	E		2.0	2.0			5 6					EP 105	Huang Kuo-Lin	合班:四環工二A 四環工二B	
3586	Environmental Soil Science	R		3.0	3.0		3 4			3			BS 112 BS 112	Yu Wu-Chou		
3587	Environmental Soil Science Lab.	R		1.0	2.0					5 6			BS 212	Sah Jy-Gau		

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2019 School year 1 Semester

Department :Department of Environmental Science and Engineering

Educational system:Day School Four-Year Undergraduate

Program Grade : 2 Class : B

Serial Number	Course Title	Required/ Elective	Full/Half Yr.	A Semester	Hours	Timetable							Classroom	Instructor	Remarks	
						Mon	Tue	Wed	Thu	Fri	Sat	Sun				
	Courses of General Education	R		2.0	2.0		1 2									
	Physical Education	R		1.0	2.0	1 2										
3588	Foreign Language Proficiency Test	R		0.0	0.0								Huang Wu-Jang			
3589	Engineering Mathematics (2)	R		2.0	2.0		7 8					CE 407	Huang Yi-Chu			
3590	Water Quality Analysis and Lab.	E		2.0	3.0	4 5 6						BS 113 BS 212	Kuo Wen-Chien	合班:四環工二A 四環工二B		
3591	Fluid Mechanics	R		3.0	3.0				2 3 4			BS 112	Chen Ting-Chien			
3592	Statistics	R		3.0	3.0			3 4	1			IB 103 BS 113	Lee Jia-twu			
3593	Resource Recovery	E		2.0	2.0			5 6				EP 105	Huang Kuo-Lin	合班:四環工二A 四環工二B		
3594	Environmental Soil Science	R		3.0	3.0		5 6			4		BS 112 BS 112	Yu Wu-Chou			
3595	Environmental Soil Science Lab.	R		1.0	2.0					7 8		BS 212	Sah Jy-Gau			

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2019 School year 1 Semester

Department :Department of Environmental Science and Engineering

Educational system:Day School Four-Year Undergraduate

Program Grade : 3 Class : A

Serial Number	Course Title	Required/ Elective	Full/Half Yr.	A Semester	Hours	Timetable							Classroom	Instructor	Remarks	
						Mon	Tue	Wed	Thu	Fri	Sat	Sun				
	Courses of General Education	R		2.0	2.0		3 4									
3596	Foreign Language Proficiency Test	R		0.0	0.0									Lin Chieh		
3597	Ethics and Law in Engineering	R		1.0	1.0			7 8					BS 109	Yu Wu-Chou Lee Ming-His Li Po-Min Hong Ting-Fu Yang Jung-Hua Chao Chih-Yeh Lu Jun-Kai	合班:四環工三A 四環工三B 四水保三A 隔週授課2小時	
3598	Environmental Organic Chemistry (2)	E		2.0	2.0		1 2						EP 105	Lin Yaw-Jian	合班:四環工三A 四環工三B	
3599	Environmental Sanitation	E		3.0	3.0	3 4	6						EP 303 EP 303	Chiou Chuen-	合班:四環工三A 四環工三B	
3600	Biochemistry	R		3.0	3.0				C 5 6				BS 109	Chao How-Ran	合班:四環工三A 四環工三B	
3601	Wastewater Engineering	R		3.0	3.0					5 6 7			BS 114	待聘		
3602	Noise and Vibration	R		3.0	3.0		5		7 8				BS 109 BS 109	Kuei Jyum-Yeh	合班:四環工三A 四環工三B	
3603	Unit Operations of Environmental Engineering	R		3.0	4.0					1 2 3 4			EP 105 EP 313	Lee Jia-twu Lin Chieh Kuo Wen-Chien Chan Shui-Jen Huang Wu-Jang Huang Yi-Chu Kuei Jyum-Yeh Hsieh Lien-Te		
3604	Environmental Chemistry	R		3.0	3.0			2 3 4					BS 114	Huang Kuo-Lin		
3605	Environmental Chemistry Lab.	R		1.0	2.0			5 6					BS 212	Hsieh Chi-Ying		

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2019 School year 1 Semester

Department :Department of Environmental Science and Engineering

Educational system:Day School Four-Year Undergraduate

Program Grade : 3 Class : A

Serial Number	Course Title	Required/ Elective	Full/Half Yr.	A Semester	Hours	Timetable							Classroom	Instructor	Remarks
						Mon	Tue	Wed	Thu	Fri	Sat	Sun			
3606	Environmental Planning and Management	R		3.0	3.0	2			3 4				BS 109 BS 109	Sah Jy-Gau	合班:四環工三A 四環工三B

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2019 School year 1 Semester

Department :Department of Environmental Science and Engineering

Educational system:Day School Four-Year Undergraduate

Program Grade : 3 Class : B

Serial Number	Course Title	Required/ Elective	Full/Half Yr.	A Semester	Hours	Timetable							Classroom	Instructor	Remarks	
						Mon	Tue	Wed	Thu	Fri	Sat	Sun				
	Courses of General Education	R		2.0	2.0		3 4									
3607	Foreign Language Proficiency Test	R		0.0	0.0								Chen Ting-Chien			
3608	Ethics and Law in Engineering	R		1.0	1.0			7 8					BS 109 Yu Wu-Chou Lee Ming-His Li Po-Min Hong Ting-Fu Yang Jung-Hua Chao Chih-Yeh Lu Jun-Kai	合班:四環工三A 四環工三B 四水保三A 隔週授課2小時		
3609	Environmental Organic Chemistry (2)	E		2.0	2.0		1 2						EP 105 Lin Yaw-Jian	合班:四環工三A 四環工三B		
3610	Environmental Sanitation	E		3.0	3.0	3 4	6						EP 303 EP 303 Chiou Chuen-	合班:四環工三A 四環工三B		
3611	Biochemistry	R		3.0	3.0				C 5 6				BS 109 Chao How-Ran	合班:四環工三A 四環工三B		
3612	Wastewater Engineering	R		3.0	3.0					2 3 4			BS 114 待聘			
3613	Noise and Vibration	R		3.0	3.0		5		7 8				BS 109 BS 109 Kuei Jyum-Yeh	合班:四環工三A 四環工三B		
3614	Unit Operations of Environmental Engineering	R		3.0	4.0					5 6 7 8			EP 105 EP 313 Lee Jia-twu Lin Chieh Kuo Wen-Chien Chan Shui-Jen Huang Wu-Jang Huang Yi-Chu Kuei Jyum-Yeh Hsieh Lien-Te			
3615	Environmental Chemistry	R		3.0	3.0	C 5 6							BS 114 Hsieh Chi-Ying			
3616	Environmental Chemistry Lab.	R		1.0	2.0		7 8						BS 212 Hsieh Chi-Ying			

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2019 School year 1 Semester

Department :Department of Environmental Science and Engineering

Educational system:Day School Four-Year Undergraduate

Program Grade : 3 Class : B

Serial Number	Course Title	Required/ Elective	Full/Half Yr.	A Semester	Hours	Timetable							Classroom	Instructor	Remarks
						Mon	Tue	Wed	Thu	Fri	Sat	Sun			
3617	Environmental Planning and Management	R		3.0	3.0	2			3 4				BS 109 BS 109	Sah Jy-Gau	合班:四環工三A 四環工三B

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2019 School year 1 Semester

Department :Department of Environmental Science and Engineering

Educational system:Day School Four-Year Undergraduate

Program Grade : 4 Class : A

Serial Number	Course Title	Required/ Elective	Full/Half Yr.	A Semester	Hours	Timetable							Classroom	Instructor	Remarks
						Mon	Tue	Wed	Thu	Fri	Sat	Sun			
3618	Foreign Language Proficiency Test	R		0.0	0.0									Hsieh Lien-Te	
3619	Special Projects	R		1.0	2.0	0	0						BS 109 BS 109	Lee Jia-twu Lin Chieh Kuo Wen-Chien Chen Kuan- Chen Ting-Chien Chan Shui-Jen Huang Wu-Jang Huang Kuo-Lin Kuei Jyum-Yeh Chao How-Ran Tsai Wen-Tien Hsieh Chi-Ying	
3620	Internship	R		9.0	18.0									Adviser	
3621	Waste Minimization Theory and Practice	E		3.0	3.0		5 6 7						EP 105	Lin Chieh	合班:四環工四A 四環工四B
3622	Incineration System Design	E		3.0	3.0		2 3 4						EP 303	Lin Chieh	合班:四環工四A 四環工四B
3623	Laws of Environmental Protection	E		2.0	2.0			7 8					EP 303	Huang Wu-Jang	合班:四環工四A 四環工四B
3624	Internship(Summer)	R		3.0	6.0									Adviser	
3625	Industrial Safety	E		3.0	3.0			4 5 6					BS 109	Chao How-Ran	合班:四環工四A 四環工四B
3626	Practical Training of Environmental Science	R		3.0	6.0	0 C	1	0	0	0			CE 419 CE 419 CE 419 CE 419 CE 419	Adviser	合班:四環工四A 四環工四B

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2019 School year 1 Semester

Department :Department of Environmental Science and Engineering

Educational system:Day School Four-Year Undergraduate

Program Grade : 4 Class : A

Serial Number	Course Title	Required/ Elective	Full/Half Yr.	A Semester	Hours	Timetable							Classroom	Instructor	Remarks
						Mon	Tue	Wed	Thu	Fri	Sat	Sun			
3627	Practical Training of Environmental Engineering	R		3.0	6.0	1	0 C	1	1	1			CE 419 CE 419 CE 419 CE 419 CE 419	Adviser	合班:四環工四A 四環工四B
3628	Environmental Practice	R		3.0	6.0	2	2	C	C	2 C			CE 419 CE 419 CE 419 CE 419 CE 419	Adviser	合班:四環工四A 四環工四B

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2019 School year 1 Semester

Department :Department of Environmental Science and Engineering

Educational system:Day School Four-Year Undergraduate

Program Grade : 4 Class : B

Serial Number	Course Title	Required/ Elective	Full/Half Yr.	A Semester	Hours	Timetable							Classroom	Instructor	Remarks
						Mon	Tue	Wed	Thu	Fri	Sat	Sun			
3629	Foreign Language Proficiency Test	R		0.0	0.0									Hsieh Chi-Ying	
3630	Special Projects	R		1.0	2.0			0	0				BS 109 BS 109	Yu Wu-Chou Lee Jia-twu Lin Chieh Chiou Chuen- Chiou Ruey-Yeu Kuo Wen-Chien Chen Ting-Chien Chan Shui-Jen Huang Wu-Jang Huang Kuo-Lin Kuei Jyum-Yeh Chao How-Ran Hsieh Chi-Ying	
3631	Internship	R		9.0	18.0									Adviser	
3632	Waste Minimization Theory and Practice	E		3.0	3.0		5 6 7						EP 105	Lin Chieh	合班:四環工四A 四環工四B
3633	Incineration System Design	E		3.0	3.0		2 3 4						EP 303	Lin Chieh	合班:四環工四A 四環工四B
3634	Laws of Environmental Protection	E		2.0	2.0			7 8					EP 303	Huang Wu-Jang	合班:四環工四A 四環工四B
3635	Internship(Summer)	R		3.0	6.0									Adviser	
3636	Industrial Safety	E		3.0	3.0			4 5 6					BS 109	Chao How-Ran	合班:四環工四A 四環工四B
3637	Practical Training of Environmental Science	R		3.0	6.0	0 C	1	0	0	0			CE 419 CE 419 CE 419 CE 419 CE 419	Adviser	合班:四環工四A 四環工四B

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2019 School year 1 Semester

Department :Department of Environmental Science and Engineering

Educational system:Day School Four-Year Undergraduate

Program Grade : 4 Class : B

Serial Number	Course Title	Required/ Elective	Full/Half Yr.	A Semester	Hours	Timetable							Classroom	Instructor	Remarks
						Mon	Tue	Wed	Thu	Fri	Sat	Sun			
3638	Practical Training of Environmental Engineering	R		3.0	6.0	1	0 C	1	1	1			CE 419 CE 419 CE 419 CE 419 CE 419	Adviser	合班:四環工四A 四環工四B
3639	Environmental Practice	R		3.0	6.0	2	2	C	C	2 C			CE 419 CE 419 CE 419 CE 419 CE 419	Adviser	合班:四環工四A 四環工四B

National Pingtung University of Science and Technology

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2019 School year 1 Semester

Department : Department of Environmental Science and Engineering

Educational system: In-service Master's Program

Grade :

1 Class : A

Serial Number	Course Title	Required/ Elective	Full/Half Yr.	A Semester	Hours	Timetable							Classroom	Instructor	Remarks
						Mon	Tue	Wed	Thu	Fri	Sat	Sun			
5507	Soil Environmental Chemistry	E		3.0	3.0						2 3 4		BS 113	Yu Wu-Chou	
5508	Atmospheric Chemistry and Physics	E		3.0	3.0						6 7 8		BS 113	Lin Chieh	
5509	Seminar	R	F	1.0	2.0						C 5		BS 109	Kuo Wen-Chien Chao How-Ran Hsieh Lien-Te	
5510	Thesis Writing and Research Methodology	R	F	1.0	2.0						C 5		EP 105	Chan Shui-Jen Hsieh Lien-Te	
5511	Physical-Chemical Treatment Process	E		3.0	3.0						6 7 8		BS 113	Huang Yi-Chu	
5512	Measurement and Management of Environmental Toxicants	E		3.0	3.0						2 3 4		BS 113	Hsieh Chi-Ying	
5513	Special Topic on Solid Wastes Treatment	E		3.0	3.0						9 10 11		BS 113	Huang Wu-Jang	

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2019 School year 1 Semester

Department :Department of Environmental Science and Engineering

Educational system:In-service Master's Program

Grade :

2 Class : A

Serial Number	Course Title	Required/ Elective	Full/Half Yr.	A Semester	Hours	Timetable							Classroom	Instructor	Remarks
						Mon	Tue	Wed	Thu	Fri	Sat	Sun			
5514	Seminar	R	F	1.0	2.0						C 5		EP 105	Lee Jia-twu Chan Shui-Jen Huang Yi-Chu Huang Kuo-Lin	
5515	Thesis	R		6.0	6.0									Adviser	

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2019 School year 1 Semester

Department : Department of Environmental Science and Engineering

Educational system: Graduate Program

Grade :

1 Class : A

Serial Number	Course Title	Required/ Elective	Full/Half Yr.	A Semester	Hours	Timetable							Classroom	Instructor	Remarks
						Mon	Tue	Wed	Thu	Fri	Sat	Sun			
8242	Soil Environmental Chemistry	E		3.0	3.0			2 3 4					EP 201	Yu Wu-Chou	
8243	Atmospheric Chemistry and Physics	E		3.0	3.0	2 3 4							EP 309	Lin Chieh	
8244	Seminar	R	F	1.0	2.0				5 6				CE 407	Lee Jia-twu Lin Chieh Chen Ting-Chien Chan Shui-Jen Sah Jy-Gau	
8245	Thesis Writing and Research Methodology	R	F	1.0	2.0				7 8				CE 407	Sah Jy-Gau	
8246	Biological Treatment Process	E		3.0	3.0		5 6 7						EP 201	Kuo Wen-Chien	
8247	Physical-Chemical Treatment Process	E		3.0	3.0		2 3 4						EP 201	Huang Yi-Chu	
8248	Air Pollutants Sampling and Analysis	E		3.0	3.0			5 6 7					EP 201	Lee Jia-twu	
8249	Air Toxics	E		3.0	3.0				2 3 4				CE 407	Hsieh Lien-Te	

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2019 School year 1 Semester

Department :Department of Environmental Science and Engineering

Educational system:Graduate Program

Grade :

2 Class : A

Serial Number	Course Title	Required/ Elective	Full/Half Yr.	A Semester	Hours	Timetable							Classroom	Instructor	Remarks
						Mon	Tue	Wed	Thu	Fri	Sat	Sun			
8250	Seminar	R	F	1.0	2.0				5 6				CE 305	Yu Wu-Chou Lin Yaw-Jian Chiou Chuen- Chiou Ruey-Yeu Huang Yi-Chu Huang Kuo-Lin	
8251	Thesis	R	F	6.0	6.0									Adviser	

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2019 School year 1 Semester

Department :Department of Environmental Science and Engineering

Educational system:Doctoral Program

Grade :

1 Class : A

Serial Number	Course Title	Required/ Elective	Full/Half Yr.	A Semester	Hours	Timetable							Classroom	Instructor	Remarks
						Mon	Tue	Wed	Thu	Fri	Sat	Sun			
8485	Seminar	R	F	1.0	2.0				5 6				EP 105	Chen Kuan- Huang Wu-Jang Chao How-Ran Hsieh Chi-Ying Hsieh Lien-Te	合班:博環工一A 博環工二A
8486	Thesis Writing and Research Methodology	R	F	1.0	2.0				7 8				EP 211	Chan Shui-Jen Hsieh Lien-Te	
8487	Green Engineering and Green Chemistry	E		3.0	3.0		5 6 7						EP 211	Huang Kuo-Lin	

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2019 School year 1 Semester

Department : Department of Environmental Science and Engineering

Educational system: Doctoral Program

Grade :

2 Class : A

Serial Number	Course Title	Required/ Elective	Full/Half Yr.	A Semester	Hours	Timetable							Classroom	Instructor	Remarks
						Mon	Tue	Wed	Thu	Fri	Sat	Sun			
8488	Seminar	R	F	1.0	2.0				5 6				EP 105	Chen Kuan- Huang Wu-Jang Chao How-Ran Hsieh Chi-Ying Hsieh Lien-Te	合班: 博環工一A 博環工二A
8489	Dissertation	R	F	12.0	12.0									Adviser	依選課辦法第9條修讀博士學位學生須通過博士資格考核者，始可修讀博士論文之課程。According to NPUST's Course Selection Procedure, Article 9, Ph.D. students must pass the doctoral qualification exam before they can register for Dissertation course.
8490	Professional English Writing in Environmental Science and Engineering	R		3.0	3.0				2 3 4				EP 211	Lin Yaw-Jian	