

Attachment B-2: Course workload for the water supply and drainage specialty each semester

Every semester course schedule

First year													
The one study Period	Course code	Course Name	Total credit hours	Contac t credit hours	Self- study credit hours	credit	The two study Period	Course code	Course Name	Total credit hours	Contac t credit hours	Self-study credit hours	credit
	9123311031	Ideology, Morality, and Law Governance	90	48	42	3		9124311041	Outline of Modern and Contemporary Chinese History	90	48	42	3
	9054311011	College English (1)	75	40	35	2.5		9054311021	College English (2)	105	56	49	3.5
	9051111050	Application writing	45	32	13	1.5		9131311010	Mental Health Education for College Students	45	32	13	1.5
	9132311020	Military Theory for College Students	60	36	24	2		9163311010	Foundation of Innovation and Entrepreneurship	45	32	13	1.5
	9063311011	Basic Computer Skills for College Students	45	32	13	1.5		9063311021	Computer Language (C Language)	90	32	58	3
	9103811010	University Sports and Health (1)	45	32	13	1.5		9103811020	University Sports and Health (2)	45	32	13	1.5
	9092112011	Advanced MathematicsA (1)	135	72	63	4.5		9092112021	Advanced MathematicsA (2)	150	80	70	5
	9112112111	Engineering drawing	75	40	35	2.5		9065112011	University PhysicsA (1)	90	48	42	3

	9021312371	General Chemistry	60	32	28	2		9021312381	Organic Chemistry	45	24	21	1.5
	9021112010	Introduction to Water Supply and Drainage Science and Engineering	60	16	44	2		9125111050	Situation and Policy (2)	15	8	7	0.5
	9125111050	Situation and Policy (1)	15	8	7	0.5		9021324170	AutoCADBasics	45	32	13	1.5
	9122311030	Entrance education and military training	120	96	24	4		9141315010	Social practice and volunteer service	30	16	14	1
	9123315010	Labor	30	16	14	1				795	440	355	26.5
			855	500	355	28.5							
Second year													
The one study Period	Course code	Course Name	Total credit hours	Contact credit hours	Self-study credit hours	credit	The two study Period	Course code	Course Name	Total credit hours	Contact credit hours	Self-study credit hours	credit
	9121311011	Basic Principles of Marxism	90	48	42	3		9122311021	Introduction to Mao Zedong Thought and the Theoretical System of Socialism with Chinese Characteristics	150	80	70	5
	9054311031	University English Expansion Series Course (1)	45	24	21	1.5		9125111050	Situation and Policy (4)	15	8	7	0.5
	9103811030	University Sports and Health (3)	30	20	10	1		9054311041	University English Expansion Series Course (2)	45	24	21	1.5
	9092112051	Linear Algebra	60	32	28	2		9151311010	Career Development and Employment Guidance for College Students (1)	30	20	10	1
	9065212030	University Physics Experiment	45	16	29	1.5		9103811040	University Sports and Health (4)	30	20	10	1

	9065112021	University PhysicsA（2）	90	48	42	3		9092112061	Probability Theory and Mathematical Statistics	75	40	35	2.5
	9021312391	Physical Chemistry	60	32	28	2		9021312401	Water Analytical Chemistry	75	48	27	2.5
	9061312300	Electrical and Electronic Engineering	60	32	28	2		9021112361	Hydrology and Hydrogeology	60	32	28	2
	9034112101	Engineering Mechanics	90	40	50	3		9021312041	Pumps and pump stations	60	32	28	2
	9021312021	Hydraulics	90	56	34	3		9021112410	Civil engineering foundation	60	24	36	2
	9024312821	Engineering Surveying	60	32	28	2		9021113431	Utilization and Protection of Water Resources	60	32	28	2
	9161715010	Electronic Electrical TrainingA	60	32	28	2		9021615470	Internship	60	32	28	2
	9024715810	Measurement internship	60	32	28	2		9021415250	Pump and Pump Station Course Design	60	32	28	2
	9125111050	Situation and Policy (3)	15	8	7	0.5				780	424	356	26
			855	452	403	28.5							
	Third year												
The one study Period	Course code	Course Name	Total credit hours	Contact credit hours	Self-study credit hours	credit	The two study Period	Course code	Course Name	Total credit hours	Contact credit hours	Self-study credit hours	credit
	9021113081	Water Supply and Drainage Pipeline Network System（1）	90	48	42	3		9151311020	Career Development and Employment Guidance for College Students (2)	30	18	12	1
	9021113091	Water Supply and Drainage Pipeline Network System (2)	90	48	42	3		9021213140	Water Quality Engineering Experiment	45	16	29	1.5
	9021313101	Building Water Supply and Drainage Engineering	90	48	42	3		9021113111	Water Quality Engineering(1)	90	40	50	3
	9021324190	Basic Computer Applications in Water Supply and Drainage Engineering (includingBIM)	60	32	28	2		9021113121	Water Quality Engineering(2)	90	40	50	3

	9021312051	Water Treatment Biology	75	48	27	2.5		9021113130	Water engineering construction	60	32	28	2
	9021824210	Interpretation and Application of Water Supply and Drainage Design Standards	30	16	14	1		9021113440	Water engineering equipment foundation	60	32	28	2
	9021415260	Building Water Supply and Drainage Course Design	120	64	56	4		9021112421	Water Engineering Economics and Budgeting	60	32	28	2
	9021415270	Water Supply Pipeline Network Course Design	120	64	56	4		9021415300	Water Treatment Course Design (Including Practical Training in Water Supply Plant Engineering)	120	64	56	4
	9031415280	Drainage Pipe Network Course Design	120	64	56	4		9021415310	Sewage Treatment Course Design (Including Practical Training in Sewage Plant Engineering)	120	64	56	4
	9128311071	Introduction to Xi Jinping's Thought on Socialism with Chinese Characteristics for a New Era	90	48	42	3		9021415480	Water Engineering Economics and Budgeting Course Design	60	32	28	2
			885	480	405	29.5				735	370	365	24.5
Fourth year													
The one	Course code	Course Name	Total study hours	Contact credit hours	Self-study credit hours	credit	The two	Course code	Course Name	Total study hours	Contact credit hours	Self-study credit hours	credit

study Period	9021113160	Water Supply and Drainage Engineering Instruments and Control	45	24	21	1.5	study Period	9021515350	Graduation Comprehensive Training	780	416	364	26
	9041124010	Project Management	45	24	21	1.5			Graduate education	60	32	28	2
	9021113200	Professional English	30	16	14	1				840	448	392	28
	9021824430	Water Engineering Operations and Smart Management	45	32	13	1.5							
	9021715450	Metalworking internship	120	64	56	4							
	9021615440	Production internship	480	256	224	16							
	9021615340	Graduation internship	120	64	56	4							
			885	480	405	29.5							