31	31		2	2		
U10101		2	WSH201		2	
U10102		2				
U11401		2	WSH206		2	
U11402		2				
U10301		2	WSH207		2	
U10302		2	WSH208		2	
U10401		2	WSH202		2	
U10403		2				
U10501		2	WSH203		2	
U10502		2				
U10601		2	WSH209		2	
U10602		2				
U10701		2	WSH210		2	
U10702		2	WSH211		2	
U20101		2	WSH212		2	
U20102		2				
U20801		2	WSH220		2	
U21102		2	WSH221		2	
U10801		2				
U10802						
U10901		2				
U11001		2	WSH222		2	
U20702		2	WSH219		2	
U20501		2	WSH204		2	
U20502		2	WSH205		2	
U11101		2	WSH223		2	
U21701		2	WSH227		2	
U18101	I	2	WSH301		2	
U18201	II	2	WSH302		2	
U18301	III	2	WSH303		2	
U18401	IV	2	WSH304		2	
U18501	V	2	WSH305		2	
U18601	VI	2	WSH306		2	
U32001	I	2	WSG201		2	
U32002	Mathematics I	2				
U32301	IV	2	WSG204		2	
U15801	IA	1	U15801	IA	1	
	Mechanical Systems Engineering Research IA	1		Mechanical Systems Engineering Research IA	1	
U15803	IB	1	U15803	IB	1	
	Mechanical Systems Engineering Research IB	1		Mechanical Systems Engineering Research IB	1	
U15901	IIA	1	U15901	IIA	1	
	Mechanical Systems Engineering Research IIA	1		Mechanical Systems Engineering Research IIA	1	
U15903	IIB	1	U15903	IIB	1	
	Mechanical Systems Engineering Research IIB	1		Mechanical Systems Engineering Research IIB	1	
U16001	IA	1	U16001	IA	1	
	Mechanical Systems Engineering Seminar IA	1		Mechanical Systems Engineering Seminar IA	1	
U16003	IB	1	U16003	IB	1	
	Mechanical Systems Engineering Seminar IB	1		Mechanical Systems Engineering Seminar IB	1	
U16101	IIA	1	U16101	IIA	1	
	Mechanical Systems Engineering Seminar IIA	1		Mechanical Systems Engineering Seminar IIA	1	
U16103	IIB	1	U16103	IIB	1	
	Mechanical Systems Engineering Seminar IIB	1		Mechanical Systems Engineering Seminar IIB	1	

31	31		2	2		
U32001	I	2	WSG201		2	
U32002	Mathematics I	2				
U32101	II	2	WSG202		2	
U32202	Mathematics III	2	WSG203		2	
U30401		2	WSG206		2	
U30402		2				
U30501		2	WSG207		2	
U30502		2				
U30601		2	WSG208		2	
U30602		2				
U30701		2	WSG211	Advanced Power System Engineering ( )	2	
U30702		2				
U31001		2	WSG209		2	
U31002		2				
U31701		2	WSG217		2	
U31702		2				
U32601		2	WSG212		2	
U30901		2	WSG210		2	
U30902		2				
U31201		2	WSG213		2	
U32401		2	WSG214		2	
U32402		2				
U31401		2	WSG205		2	
U31402		2				
U31501		2	WSG215		2	
U31601		2	WSG216		2	
U31801		2	WSG218		2	
U31901		2	WSG219		2	
U32301	IV	2	WSG204		2	
U32501		2	WSG220		2	
U32502		2				
U40302		2	WSN208		2	
U43401		2	WSN211		2	
U41201		2	WSN214		2	
U41501		2	WSN212		2	
U41902		2	WSN205		2	
U38101		2	WSG301		2	
U38201		2	WSG302		2	
U38301		2	WSG303		2	
U38401		2	WSG304		2	
U38501		2	WSG305		2	
U35801	IA	1	U35801	IA	1	
	Directed Study in System Cybernetics IA	1		Directed Study in System Cybernetics IA	1	
U35803	IB	1	U35803	IB	1	
	Directed Study in System Cybernetics IB	1		Directed Study in System Cybernetics IB	1	
U35901	IIA	1	U35901	IIA	1	
	Directed Study in System Cybernetics IIA	1		Directed Study in System Cybernetics IIA	1	
U35903	IIB	1	U35903	IIB	1	
	Directed Study in System Cybernetics IIB	1		Directed Study in System Cybernetics IIB	1	
U36001	IA	1	U36001	IA	1	
	Seminar in System Cybernetics IA	1		Seminar in System Cybernetics IA	1	
U36003	IB	1	U36003	IB	1	
	Seminar in System Cybernetics IB	1		Seminar in System Cybernetics IB	1	
U36101	IIA	1	U36101	IIA	1	
	Seminar in System Cybernetics IIA	1		Seminar in System Cybernetics IIA	1	
U36103	IIB	1	U36103	IIB	1	
	Seminar in System Cybernetics IIB	1		Seminar in System Cybernetics IIB	1	

31	31		2	2		
U40101		2				
U40302		2	WSN208		2	
U43401		2	WSN211		2	
U43202		2	WSN203		2	
U40902		2				
U41002		2	WSN202		2	
U43302	Information Security	2	WSN204		2	
U43501		2	WSN221		2	
U41102		2	WSN201		2	
U41201		2	WSN214		2	
U42802		2	WSN207		2	
U41501		2	WSN212		2	
U43701		2	WSN206		2	
U43601		2				
U41902		2	WSN205		2	
U42001		2	WSN217		2	
U42202		2	WSN219	Analysis in Information Science	2	
U42302		2	WSN220		2	
U42501		2	WSN213		2	
U43101		2	WSN210		2	
U43801	Artificial and Natural Intelligence	2	WSN209	Artificial and Natural Intelligence	2	
U32401		2	WSG214		2	
U32402		2				
U30901		2	WSG210		2	
U30902		2				
U32101	II	2	WSG202		2	
U32202	Mathematics III	2	WSG203		2	
U32301	IV	2	WSG204		2	
U48101		2	WSN301	A	1	
U48201		2	WSN302	B	1	
U48301		2	WSN303	C	1	
U48401		2	WSN304	D	1	
U45801	IA	1	U45801	IA	1	
	Directed Study in Information Engineering IA	1		Directed Study in Information Engineering IA	1	
U45803	IB	1	U45803	IB	1	
	Directed Study in Information Engineering IB	1		Directed Study in Information Engineering IB	1	
U45901	IIA	1	U45901	IIA	1	
	Directed Study in Information Engineering IIA	1		Directed Study in Information Engineering IIA	1	
U45903	IIB	1	U45903	IIB	1	
	Directed Study in Information Engineering IIB	1		Directed Study in Information Engineering IIB	1	
U46001	IA	1	U46001	IA	1	
	Seminar in Information Engineering IA	1		Seminar in Information Engineering IA	1	
U46003	IB	1	U46003	IB	1	
	Seminar in Information Engineering IB	1		Seminar in Information Engineering IB	1	
U46101	IIA	1	U46101	IIA	1	
	Seminar in Information Engineering IIA	1		Seminar in Information Engineering IIA	1	
U46103	IIB	1	U46103	IIB	1	
	Seminar in Information Engineering IIB	1		Seminar in Information Engineering IIB	1	

31	31		2	2		
U50101		2	WSF201		2	
U50102		2				
U50401		2	WSF202		2	
U50402		2				
U50501		2	WSF203		2	
U50502		2				
U50601		2	WSF204		2	
U50602		2				
U50701		2	WSF205		2	
U50702		2				
U51101		2	WSF206		2	
U51102		2				
U60201		2	WSE201		2	
U60202		2				
U60301		2	WSE203		2	
U60302	Advanced Applied Inorganic Chemistry	2		Advanced Inorganic Materials Chemistry		
U60401		2	WSE202		2	
U60402		2				
U60501		2	WSE204		2	
U60502		2				
U60601		2	WSE206		2	
U60602		2				
U62001		2	WSE207		2	
U62002		2				
U51301		2	WSF207		2	
U51302		2				
U50301		2				
U50302		2				
U51501		2	WSF208		2	
U51502		2				
U51601		2	WSF209		2	
U51602		2				
U51701		2	WSF210		2	
U51702		2				
U58101		1	WSF301		1	
U58201		1	WSF302		1	
U55801	IA	1	U55801	IA	1	
	Chemical Engineering Research IA	1		Chemical Engineering Research IA	1	
U55803	IB	1	U55803	IB	1	
	Chemical Engineering Research IB	1		Chemical Engineering Research IB	1	
U55901	IIA	1	U55901	IIA	1	
	Chemical Engineering Research IIA	1		Chemical Engineering Research IIA	1	
U55903	IIB	1	U55903	IIB	1	
	Chemical Engineering Research IIB	1		Chemical Engineering Research IIB	1	
U56001	IA	1	U56001	IA	1	
	Chemical Engineering Seminar IA	1		Chemical Engineering Seminar IA	1	
U56003	IB	1	U56003	IB	1	
	Chemical Engineering Seminar IB	1		Chemical Engineering Seminar IB	1	
U56101	IIA	1	U56101	IIA	1	
	Chemical Engineering Seminar IIA	1		Chemical Engineering Seminar IIA	1	
U56103	IIB	1	U56103	IIB	1	
	Chemical Engineering Seminar IIB	1		Chemical Engineering Seminar IIB	1	

31	31		2	2		
U60201		2	WSE201		2	
U60202		2				
U60301		2	WSE203		2	
U60302	Advanced Applied Inorganic Chemistry	2		Advanced Inorganic Materials Chemistry		
U60401		2	WSE202		2	
U60402		2				
U60501		2	WSE204		2	
U60502		2				
U62103		2	WSE205		2	
U62102		2				
U60601		2	WSE206		2	
U60602		2				
U62001		2	WSE207		2	
U62002		2				
U62401		2	WSE208		2	
U62402		2				
U61001		2	WSE210		2	
U61301		2	WSE211		2	
U61401		2	WSE212		2	
U61801		2	WSE213		2	
U61901		2				
U62201		2				
U62301		1	WSE214		1	
U50101		2	WSF201		2	
U50102		2				
U50301		2				
U50302		2				
U50401		2	WSF202		2	
U50402		2				
U50501		2	WSF203		2	
U50502		2				
U50601		2	WSF204		2	
U50602		2				
U50701		2	WSF205		2	
U50702		2				
U68101	I	1	WSE301		1	
U68201	II	1	WSE302		1	
U68301	III	1	WSE303		1	
U68401	IV	1	WSE304		1	
U65801	IA	1	U65801	IA	1	
	Directed Study in Applied Chemistry IA	1		Directed Study in Applied Chemistry IA	1	
U65803	IB	1	U65803	IB	1	
	Directed Study in Applied Chemistry IB	1		Directed Study in Applied Chemistry IB	1	
U65901	IIA	1	U65901	IIA	1	
	Directed Study in Applied Chemistry IIA	1		Directed Study in Applied Chemistry IIA	1	
U65903	IIB	1	U65903	IIB	1	
	Directed Study in Applied Chemistry IIB	1		Directed Study in Applied Chemistry IIB	1	
U66001	IA	1	U66001	IA	1	
	Seminar in Applied Chemistry IA	1		Seminar in Applied Chemistry IA	1	
U66003	IB	1	U66003	IB	1	
	Seminar in Applied Chemistry IB	1		Seminar in Applied Chemistry IB	1	
U66101	IIA	1	U66101	IIA	1	
	Seminar in Applied Chemistry IIA	1		Seminar in Applied Chemistry IIA	1	
U66103	IIB	1	U66103	IIB	1	
	Seminar in Applied Chemistry IIB	1		Seminar in Applied Chemistry IIB	1	

31	31		2	2		
U72601		2	WSM201		2	
U72602		2				
U70201		2	WSM203		2	
U70202		2				
U70301		2	WSM202		2	
U70302		2				
U70402	Infrastructure and Regional Planning	2	WSM208	Infrastructure and Regional Planning	2	
U72002		2	WSM214		2	
U72102		2	WSM205		2	
U70601		2	WSM207		2	
U70602		2				
U70701		2	WSM212		2	
U70702		2				
U70801		2	WSM206		2	
U70802		2				
U72202		2	WSM204		2	
U72302		2	WSM209		2	
U71001		2	WSM210		2	
U71002		2				
U71102		2				
U71902		2				
U72402		2	WSM211		2	
U72501		2				
U71502		2				
U71601		2	WSM213		2	
U71602		2				
U77101	I	1				
U77201	II	1				
U77301	III	1				
U77401	IV	1				
U78101	I	1	WSM301	A	1	
U78201	II	1	WSM302	B	1	
U78301	III	1	WSM303	C	1	
U78401	IV	1	WSM304	D	1	
U75801	IA	1	U75801	IA	1	
	Civil and Environmental Engineering Research IA	1		Civil and Environmental Engineering Research IA	1	
U75803	IB	1	U75803	IB	1	
	Civil and Environmental Engineering Research IB	1		Civil and Environmental Engineering Research IB	1	
U75901	IIA	1	U75901	IIA	1	
	Civil and Environmental Engineering Research IIA	1		Civil and Environmental Engineering Research IIA	1	
U75903	IIB	1	U75903	IIB	1	
	Civil and Environmental Engineering Research IIB	1		Civil and Environmental Engineering Research IIB	1	
U76001	IA	1	U76001	IA	1	
	Civil and Environmental Engineering Seminar IA	1		Civil and Environmental Engineering Seminar IA	1	
U76003	IB	1	U76003	IB	1	
	Civil and Environmental Engineering Seminar IB	1		Civil and Environmental Engineering Seminar IB	1	
U76101	IIA	1	U76101	IIA	1	
	Civil and Environmental Engineering Seminar IIA	1		Civil and Environmental Engineering Seminar IIA	1	
U76103	IIB	1	U76103	IIB	1	
	Civil and Environmental Engineering Seminar IIB	1		Civil and Environmental Engineering Seminar IIB	1	

31	31		2	2		
U80901		2	WSJ207		2	
U80902	Advanced Instrumentation and Control for Structures	2		Advanced Instrumentation and Control for Structures		
U81901		2	WSJ201		2	
U81902		2				
U82001		2	WSJ202		2	
U82002		2				
U80401		2	WSJ203		2	
U80402		2				
U80501		2	WSJ204		2	
U80502	Initial Design of Marine Vehicles	2		Initial design of marine vehicles		
U80601		2	WSJ205		2	
U80602		2				
U80801		2	WSJ206		2	
U80802		2				
U82101		2	WSJ208		2	
U82102		2				
U81001		2				
U81002		2				
U81101		2				
U81102		2				
U81301		2				
U81302		2				
U81601		2	WSJ209		2	
U81602		2				
U81801		2	WSJ210		2	
U81802		2				
U81701		1	WSJ211		1	
U88101	I	1	WSJ301		1	
U88201	II	1	WSJ302		1	
U88301	III	1	WSJ303		1	
U88401	IV	1	WSJ304		1	
U85801	IA	1	U85801	IA	1	
	Transportation and Environmental Systems Research IA	1		Transportation and Environmental Systems Research IA	1	
U85803	IB	1	U85803	IB	1	
	Transportation and Environmental Systems Research IB	1		Transportation and Environmental Systems Research IB	1	
U85901	IIA	1	U85901	IIA	1	
	Transportation and Environmental Systems Research IIA	1		Transportation and Environmental Systems Research IIA	1	
U85903	IIB	1	U85903	IIB	1	
	Transportation and Environmental Systems Research IIB	1		Transportation and Environmental Systems Research IIB	1	
U86001	IA	1	U86001	IA	1	
	Transportation and Environmental Systems Seminar IA	1		Transportation and Environmental Systems Seminar IA	1	
U86003	IB	1	U86003	IB	1	
	Transportation and Environmental Systems Seminar IB	1		Transportation and Environmental Systems Seminar IB	1	
U86101	IIA	1	U86101	IIA	1	
	Transportation and Environmental Systems Seminar IIA	1		Transportation and Environmental Systems Seminar IIA	1	
U86103	IIB	1	U86103	IIB	1	
	Transportation and Environmental Systems Seminar IIB	1		Transportation and Environmental Systems Seminar IIB	1	