

Allied Health				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
ALHE	1500	Intro to Nursing	4	Does not transfer								
ALHE	1600	Medical Terminology	2	BIOL	316		Medical Terminology	2				

Anthropology				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
ANTH	1010	Cultural Anthropology	3	ANTH	101	D, SS	The Human Experience	3				

Art				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
ART	1010	Introduction to Art	3	ART	101	FAAE	Introduction to Art	3				
ART	1050	Drawing I	3	ART	105		Drawing 1	3				
ART	1060	Drawing II	3	ART	205		Drawing 2	3				
ART	1070	Principles of Printmaking	3	ART	240		Printmaking 1	3				
ART	1120	2-D Design	3	ART	102		Two Dimensional Design	3				
ART	1210	Painting	3	ART	210		Painting 1	3				
ART	1490	Art History - Prehistory/Gothic	3	ART	221	FAA	Art History: Ancient World to Renaissance	3				
ART	1500	Art History - Renaissance through the Present	3	ART	222	FAA	Art History: Renaissance to Modern Art	3				
ART	1600	Ceramics - Hand Building	3	ART	270		Ceramics 1	3				
ART	1800	The Art of Photography	3	ART	241		Photography 1	3				
ART	2010	Sculpture	3	ART	260		Sculpture 1	3				
ART	2020	Introduction to Metal Sculpture	3	ART	275		Metalwork 1	3				
ART	2120	3-D Design	3	ART	103		Three Dimensional Design	3				
ART	2600	Ceramics: Wheel Throwing	3	ART	370		Ceramics 2	3				
ART	2900	Portfolio Creation	1	ART	189		Art Elective	1				
ART	2901	Advanced Studio	1	ART	495		Advanced Art Studio	1				

Automotive Technician			UW - Superior Equivalents				UWS Permanent Substitute			
Subject Code	Course Number	Title	Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
ASES	1010	Brakes	Does not transfer							
ASES	1011	Steering and Suspension								
ASES	1012	Manual Transmission and Drivelines								
ASES	1014	Engine Rebuilding								
ASES	1015	Starting and Charging Systems								
ASES	1016	Fuel Systems								
ASES	1018	Automotive Math Applications								
ASES	1020	General Service Shop								
ASES	1021	Automatic Transmission/Transaxle								
ASES	1022	Four Wheel/All Wheel Drive								
ASES	1023	Basic Electricity and Ignition Systems								
ASES	1024	Automotive Heat/Air Conditioning								
ASES	2010	Brakes-Abs								
ASES	2018	Shop Management/Supervision								
ASES	2020	Advanced Ignition Systems								
ASES	2022	Transmission & Transfer Case Controls								
ASES	2026	Advanced Engine Performance								
ASES	2027	Automotive Computers								

Astronomy				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
ASTR	1050	Solar System Astronomy	3	PHYS	100	LAB	Astronomy	3				

Biology				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
BIOL	1001	Introduction to Biology	1	BIOL	189		Biology Elective	1				
BIOL	1050	Human Biology	3	BIOL	115	LAB	Human Biology	3				
BIOL	1120	Microbiology	3	BIOL	355		General Microbiology	3				
BIOL	1201	Integrated Anatomy and Physiology	4	BIOL	270		Human Anatomy & Physiology I	4				
BIOL	1250	Human Anatomy and Physiology 1	4	BIOL	280		Human Anatomy & Physiology II	4				
BIOL	1260	Human Anatomy and Physiology 2	4	BIOL	270		Human Anatomy & Physiology I	4				
BIOL	1510	General Biology of Cells	5	BIOL	130	LAB	Principles of Biology I	4				
				BIOL	189		Biology Elective	1				
BIOL	1520	General Biology of Animals and Plants	5	BIOL	132		Principles of Biology II	4				
				BIOL	189		Biology Elective	1				
BIOL	2140	Human Anatomy	4	BIOL	280		Human Anatomy & Physiology II	4				
BIOL	2151	Human Physiology	4	BIOL	280		Human Anatomy & Physiology II	4				
BIOL	2201	Ecology and Field Biology	4	BIOL	340		Ecology	4				
BIOL	2251	Limnology	4	BIOL	350		Limnology	4				

Business/Office Administration				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
BUS	1010	Introduction to Business	3	BUS	100		Introduction to Business	3				
BUS	1105	Business English	3	WRIT	209		Business and Professional Writing	3				
BUS	1107	Records and Information Management	2	BUS	189		Business Elective	2				
BUS	1110	Keyboarding 1	2	BUS	189		Business Elective	2				
BUS	1111	Keyboarding 2	3	BUS	189		Business Elective	3				
BUS	1230	Legal Environment of Business	3	BUS	211		Business Law I	3				
BUS	1245	Integrated Marketing Communications	3	BUS	189		Business Elective	3				
BUS	1286	Developing and Writing the Business Plan	2	BUS	189		Business Elective	2				
BUS	1290	Principles and Practices of Entrepreneurship	3	BUS	405		Entrepreneurship	3				
BUS	1300	Business Communications	3	BUS	189		Business Elective	3				
BUS	1600	Medical/Legal Terminology	2	BUS	189		Business Elective	2				
BUS	2104	Business Mathematics	3	BUS	189		Business Elective	3				
BUS	2105	Elements of Accounting	3	ACCT	101		Accounting for Nonbusiness Majors	3				
BUS	2155	Office Administration Practices	2	BUS	189		Business Elective	2				
BUS	2160	Machine Transcription	3	BUS	189		Business Elective	3				
BUS	2210	Project Management	3	BUS	189		Business Elective	3				
BUS	2230	Principles of Accounting 1	4	ACCT	200		Financial Accounting	3				
				ACCT	189		Accounting Elective	1				
BUS	2240	Principles of Accounting 2	4	ACCT	201		Managerial Accounting	3				
				ACCT	189		Accounting Elective	1				
BUS	2250	Principles of Supervision	3	BUS	189		Business Elective	3				
BUS	2255	Market Research	3	BUS	482		Marketing Research	3				
BUS	2500	Principles of Marketing	3	BUS	370		Principles of Marketing	3				
BUS	2510	Principles of Management	3	BUS	380		Principles of Management	3				

Culinary Arts Management			UW - Superior Equivalents				UWS Permanent Substitute			
Subject Code	Course Number	Title	Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
CAMT	1600	Introduction to Food Service	Does not transfer							
CAMT	1601	Introduction to Breakfast and Pantry Foods								
CAMT	1602	Basic Food Production Principles								
CAMT	1603	Institutional Food Production								
CAMT	1604	Quality Assurance								
CAMT	1605	Institutional Food Production 2								
CAMT	1606	Culinary Mathematics								
CAMT	2400	Food Service Procurement and Cost Control								
CAMT	2410	Hotel and Restaurant Food Production 1								
CAMT	2415	Introduction to Baking								
CAMT	2420	Hotel/Restaurant Food Production 2								
CAMT	2430	Advanced Culinary Skills 1								
CAMT	2440	Advanced Culinary Skills 2								
CAMT	2450	Specialty Foods Preparation								
CAMT	2460	Culinary Nutrition								
CAMT	2470	Restaurant Management								
CAMT	2480	Buffet Catering								

Computer Applications				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
CAPP	1030	10-Key Numeric Keypad	1	ITS	189		IT Systems Elective	1				
CAPP	1510	Computer Applications	1	ITS	148		Computer Applications for Productivity	1				
CAPP	1518	Windows I	1	ITS	189		IT Systems Elective	1				
CAPP	1519	Windows II	1	ITS	189		IT Systems Elective	1				
CAPP	1520	Spreadsheet Applications	1	ITS	148		Computer Applications for Productivity	1				
CAPP	1521	Advanced Spreadsheet Applications	1	ITS	148		Computer Applications for Productivity	1				
CAPP	1530	Database	1	ITS	189		IT Systems Elective	1				
CAPP	1532	Advanced Access Database	3	ITS	189		IT Systems Elective	3				
CAPP	1540	Word Processing	2	ITS	189		IT Systems Elective	2				
CAPP	1541	Advanced Word Processing	2	ITS	189		IT Systems Elective	2				
CAPP	1560	Presentation Graphics	1	ITS	189		IT Systems Elective	1				
CAPP	1561	Advanced Presentation Graphics	1	ITS	189		IT Systems Elective	1				
CAPP	1590	Desktop Publishing Concepts and Applications	2	ITS	189		IT Systems Elective	2				
CAPP	1595	Computerized Accounting	3	ITS	189		IT Systems Elective	3				
CAPP	1600	Emerging Information Technologies	2	ITS	189		IT Systems Elective	2				
CAPP	2019	Windows OS	2	ITS	189		IT Systems Elective	2				
CAPP	2510	Multimedia Concepts	2	ITS	364		Digital Multimedia	2				

Commercial Drivers License/Truck Driving			UW - Superior Equivalents				UWS Permanent Substitute			
Subject Code	Course Number	Title	Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
CDL	1500	Commercial Drivers License	Does not transfer							
CDL	1510	Behind the Wheel Driving								
CDL	1520	Calculations for Commercial Trucking								
CDL	1530	Hazardous Materials Training for Transportation								
CDL	1540	CDL Pre-Trip								

Chemistry				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
CHEM	1020	Introduction to Chemistry	4	CHEM	100	NS	Our Chemical Environment	2				
				CHEM	189		Chemistry Elective	2				
CHEM	1300	Investigating Chemistry Through Forensic Science	3	CHEM	189		Chemistry Elective	3				
CHEM	1610	General Chemistry 1	5	CHEM	105		General Chemistry I	5				
CHEM	1611	General Chemistry 2	5	CHEM	106		General Chemistry II	4				
				CHEM	189		Chemistry Elective	1				
CHEM	2710	Organic Chemistry 1	5	CHEM	320		Organic Chemistry Lecture I	3				
				CHEM	322		Organic Chemistry Lab I	2				
CHEM	2720	Organic Chemistry 2	5	CHEM	321		Organic Chemistry Lecture II	3				
				CHEM	323		Organic Chemistry Lab II	2				

Cisco Network Technician				UW - Superior Equivalents				UWS Permanent Substitute			
Subject Code	Course Number	Title	Credits	Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
CNT	1005	IT Security and Awareness	2	Does not transfer							
CNT	1010	Networking Fundamentals	3								
CNT	1020	Router Theory and Router Technologies	3								
CNT	1030	Advanced Routing & Switching	3								
CNT	1040	Advanced Newtorking & Management	3								
CNT	2010	Information Assurance II	3								
CNT	2020	Information Assurance II	3								
CNT	2070	Digital Forensics I	3								
CNT	2110	Network Security I	3								
CNT	2120	Network Security II	3								
CNT	2170	Digital Forensics II	3								
CNT	2200	Netword Security Desgin	3								

Computer Science				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
CSCI	1010	Computer Literacy	3	CSCI	101	CORE	Introduction to Computer Science	3				
CSCI	1021	Visual Basic Programming 1	3	CSCI	201	CORE	Introduction to Programming	3				
CSCI	1030	Introduction to Software Engineering Technologies	2	CSCI	189		Computer Science Elective	2				
CSCI	1050	Visual Basic Programming 2	2	CSCI	202		Object-Oriented Programming	2				
CSCI	1070	Introduction to Game Programming	3	CSCI	189		Computer Science Elective	3				
CSCI	1081	Fundamentals of Computer Science	4	CSCI	189		Computer Science Elective	4				
CSCI	1100	Foundations of Computer Science	3	CSCI	189		Computer Science Elective	3				
CSCI	1250	C++ Programming	3	CSCI	189		Computer Science Elective	3				
CSCI	1350	Understanding and Using the Internet	2	CSCI	189		Computer Science Elective	2				
CSCI	1400	Web Authoring	2	CSCI	189		Computer Science Elective	2				
CSCI	1451	Advanced Web Authoring	3	CSCI	351		Internet Programming	3				
CSCI	1470	PHP Programming	3	CSCI	189		Computer Science Elective	3				
CSCI	1500	Java Programming 1	3	CSCI	189		Computer Science Elective	3				
CSCI	1600	Introduction to UNIX/Linux	2	CSCI	189		Computer Science Elective	2				
CSCI	1701	SQL Programming	3	CSCI	356		Database Systems	3				
CSCI	2080	Fundamentals of Computer Science 2	4	CSCI	189		Computer Science Elective	4				

Dental Assisting			UW - Superior Equivalents				UWS Permanent Substitute			
Subject Code	Course Number	Title	Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
DAS	1501	X-Ray 1	Does not transfer							
DAS	1504	Nutrition								
DAS	1507	Dental Anatomy 1								
DAS	1512	Chairside Assisting 1								
DAS	1517	Dental Lab 1								
DAS	1520	Dental Science								
DAS	1525	Expanded Duties 1								
DAS	1528	Infection Control								
DAS	1529	Expanded Duties 2								
DAS	1530	Office Management								
DAS	1542	X-Ray 2								
DAS	1547	Dental Anatomy 2								
DAS	1552	Chairside Assisting 2								
DAS	1572	Extramural								
DAS	1582	Nitrous Oxide-Oxygen Inhalation Sedation								
DAS	2650	Special Projects								
DAS	2655	Special Project								

Diesel Mechanics/Heavy Equipment Maintenance			UW - Superior Equivalents				UWS Permanent Substitute			
Subject Code	Course Number	Title	Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
DSL	1500	Orientation & Trade Knowledge	Does not transfer							
DSL	1502	Diesel Systems & Troubleshooting								
DSL	1510	Basic Diesel Engines								
DSL	1523	Caterpillar Fuel Systems								
DSL	1525	Mobile & Stationary Equipment Inspection								
DSL	1526	Cummins & Caterpillar Overhaul								
DSL	1527	Welding								
DSL	1528	Cummins Fuel Systems								
DSL	1530	Heavy Equipment Hydraulics								
DSL	1535	Electronics/Electrical Systems								
DSL	1560	Heavy Equipment Air Conditioning								
DSL	2515	Machine Tool Technology								
DSL	2524	Power Shift Transmissions & Torque Converters								
DSL	2531	Heavy Duty Air Brakes								
DSL	2535	Undercarriage								
DSL	2540	Standard Transmissions/Clutches								
DSL	2543	Differential/Drivelines								
DSL	2545	Steering/Alignment & Tires								
DSL	2547	Customer Repair								
DSL	2550	Customer Repair								
DSL	2560	Advanced Electronic Troubleshooting								

Economics				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
ECON	1010	Macroeconomics	3	ECON	251	SS	Principles of Macroeconomics	3				
ECON	1030	Introduction to Economics	3	ECON	289	SS	Economics Elective	3				
ECON	1050	Microeconomics	3	ECON	250	SS	Principles of Microeconomics	3				

Electrical Maintenance			UW - Superior Equivalents				UWS Permanent Substitute			
Subject Code	Course Number	Title	Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
ELM	1005	Electrical Math Applications	Does not transfer							
ELM	1006	Algebra for Electricians								
ELM	1101	DC Electrical Theory & Applications								
ELM	1102	AC Electrical & Electronic Theory & Application								
ELM	1201	AC/DC Electrical Circuits and Calculations								
ELM	1202	Transformers, Generators Alternators & Motors								
ELM	1301	Residential (Wiring & Code I)								
ELM	1302	Residential (Wiring & Code II)								
ELM	2101	Print-Reading/Specifications and Lighting Systems								
ELM	2102	Commercial/Industrial Wiring Methods								
ELM	2201	AC/DC Motor Control 1								
ELM	2202	AC/DC Motor Control 2								
ELM	2311	Power Limited Circuit and Instrumentation								
ELM	2312	Renewable Energy Systems and House Project								
ELM	2401	Photovoltaic Systems Theory and Design								
ELM	2402	Photovoltaic Systems Installation, Maintenance and Troubleshooting								

Employment Skills				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
EMPL	1120	Choosing a Major/Career	1	IDS	297		Exploring Majors and Academic Possibilities	1				
EMPL	2515	Employment Skills	1	IDS	189		Interdisciplinary Studies Elective	1				

Emergency Medical Services				UW - Superior Equivalents				UWS Permanent Substitute				
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
EMS	1500	First Aid and CPR (Adult, Child and Infant)	1	HLTH	158		Responding to Emergencies and Safety Edu.	1				
EMS	1510	First Responder	2	HLTH	189		Health Elective	2				

English				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
ENGL	0890	Basic English 1	3	WRIT	189		Writing Elective	0				
ENGL	0900	Basic English 2	3	WRIT	099		Fundamentals of Writing	0				
ENGL	1060	Freshman Composition	3	WRIT	101	CORE	College Writing I	3				
ENGL	1070	Technical Report Writing	3	WRIT	209	CORE	Business and Professional Writing	3				
ENGL	1090	Advanced Composition	3	WRIT	102	CORE	College Writing II	3				
ENGL	1130	Science Fiction	3	WRIT	189		Writing Elective	3				
ENGL	1150	Multi-Cultural Literature	3	ENGL	328	D	Multi-Ethnic American Novels	3				
ENGL	1170	Film	3	COMM	104	FAA	Film and Culture	3				
ENGL	1180	Environmental Literature	3	ENGL	189		English Elective	3				
ENGL	1190	Lives Through Literature	3	ENGL	189		English Elective	3				
ENGL	2100	Creative Writing	3	WRIT	250	FAAE	Introduction to Creative Writing	3				
ENGL	2110	English Literature: 700-1700	3	ENGL	211	HL	British Literature I	3				
ENGL	2120	English Literature: 1700-1920	3	ENGL	212	HL	British Literature II	3				
ENGL	2210	American Literature to 1865	3	ENGL	221	HL	American Literature I	3				
ENGL	2220	Literature 1865 to 1960	3	ENGL	222	HL	American Literature II	3				

not a requirement after Fall 2017
requirement after Fall 2017
requirement after Fall 2017

Engineering			UW - Superior Equivalents				UWS Permanent Substitute			
Subject Code	Course Number	Title	Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
ENGR	1010	Intro to Engineering	COURSE MAY TRANSFER WORK WITH TRANSFER SPECIALIST							
ENGR	1110	Engineering Ethics								
ENGR	1140	AC Circuits for Engineering Technology								
ENGR	1510	Digital Logic								
ENGR	2010	Statics								
ENGR	2020	Dynamics								
ENGR	2030	Mechanics of Materials								
ENGR	2061	Electrical Engineering Fundamentals with Laboratory								
ENGR	2071	Linear Electric Circuits with Laboratory								
ENGR	2220	Electronics for Engineering Technology 1								

Engineering courses can transfer for Pre-Engineering minor - as elective credits towards minor. Work with Peter Cook & Transfer Specialist 2/2017

Environmental Science				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
ENSC	1050	Environmental Science	3	BIOL	100	NS	Environmental Science	2				
				BIOL	189		Biology Elective	1				

Gerontology/Elder Care			UW - Superior Equivalents				UWS Permanent Substitute			
Subject Code	Course Number	Title	Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
GERO	1010	Physical Aspects of Aging	Courses may transfer work with Transfer Specialist							
GERO	1020	Mental Health & Aging								
GERO	1030	Professional Boundaries, Ethics, and the Elderly								
GERO	1040	Programs and Service in Aging								
GERO	1060	Nutrition for the Elderly								
GERO	1070	Providing Care to the Client with Dementia								
GERO	1080	Death, Dying, and Bereavement								

Heating and Cooling Technician			UW - Superior Equivalents				UWS Permanent Substitute			
Subject Code	Course Number	Title	Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
HCT	1500	Introduction to Electricity	Does not transfer							
HCT	1505	Refrigeration Theory								
HCT	1510	Residential Refrigeration								
HCT	1515	Light Commerical Refrigeration Systems								
HCT	1520	Refrigerant Certification								
HCT	1530	Air Conditioning/Heat Pump Systems								
HCT	1535	Gas Heating Systems								
HCT	1540	Oil Heating Systems								
HCT	1545	Radiant Heating Systems								

History				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
HIST	1055	European History Ancient to 1789	3	HIST	230	HH	Early-Modern Europe/From Medieval to Early-Modern Europe	3				
HIST	1060	European History, 1789 to the Present	3	HIST	231	HH	Modern Europe 1789 to Present	3				
HIST	1150	American Indian History	3	HIST	223	D, HH	First Nations History I	3				
HIST	1250	U.S. History to 1877	3	HIST	151	HH	History of the United States Through 1877	3				
HIST	1260	U.S. History , 1877 to the present	3	HIST	152	HH	The United States Since 1877	3				
HIST	1300	The History of Food and Culture	3	HIST	189		History Elective	3				
HIST	1400	Modern Asia	3	HIST	220	HH, NW	History of Modern Asia	3				
HIST	2100	Divided America 1960-1980	3	HIST	189		History Elective	3				
HIST	2200	Minnesota History	3	HIST	189		History Elective	3				
HIST	2300	World War II	3	HIST	189		History Elective	3				
HIST	2580	The Vietnam War	3	HIST	394	NW	Interrogating the Vietnam War: A History of Modern Vietnam	3				

Health				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
HLTH	1010	Personal & Community Health	3	HLTH	189		Health Elective	3				
HLTH	1030	Stress Management	3	HLTH	267		Intro to Mental Health and Stress Management	3				
HLTH	1050	Chemical Awareness	3	HLTH	189		Health Elective	3				
HLTH	1070	First Aid/CPR	2	HLTH	158		Responding to Emergencies & Safety Education	2				
HLTH	1150	Wellness	2	HHP	102	CORE	Health and Wellness	2				
HLTH	2010	Fundamentals of Nutrition	2	HLTH	366		Principles of Nutrition	2				

Industrial Systems Technology			UW - Superior Equivalents				UWS Permanent Substitute			
Subject Code	Course Number	Title	Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
IST	1050	Introduction to Industrial Systems Technology	Does not transfer							
IST	1150	Welding Technologies								
IST	1250	Mobile and Process Equipment								
IST	1350	Industrial Technology Math Lab I								
IST	1450	Industrial Technology Math Lab II								
IST	1550	Mechanical Systems I								
IST	1950	Integrated Projects I								
IST	2050	Industrial Fluid Power I								
IST	2150	Industrial Machine Tool Technology								
IST	2250	Mobile & Process Equipment								
IST	2350	Industrial Electrical Systems								
IST	2450	Industrial Fluid Power II								
IST	2550	Mechanical Systems II								
IST	2650	Mechanical Systems III								
IST	2750	Integrated Projects II								
IST	2950	Integrated Projects III								

Law Enforcement				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
LAW	1510	Introduction to Criminal Justice in Society	3	CJUS	189		Criminal Justice Elective	3				
LAW	1512	Traffic Law	2	CJUS	189		Criminal Justice Elective	2				
LAW	1515	Minnesota Statutes	4	CJUS	189		Criminal Justice Elective	4				
LAW	1528	Police and the Community	3	CJUS	207		Police and Society	3				
LAW	1538	Juvenile Justice	3	CJUS	189		Criminal Justice Elective	3				
LAW	1544	Police Report Writing	3	CJUS	189		Criminal Justice Elective	3				
LAW	1550	Street Survival	2	ELEC	189		Elective	2				
LAW	1581	Beginning Sparring	1	HHP	189		HHP Elective	1				
LAW	1582	Advanced Sparring	1	HHP	189		HHP Elective	1				
LAW	1590	Procedural Law	4	LSTU	210		Criminal Procedure	3				
LAW	2412	Night Patrol Tactics	1	CJUS	189		Criminal Justice Elective	1				
LAW	2421	Traffic Enforcement	3	CJUS	189		Criminal Justice Elective	3				
LAW	2440	Firearms	3	CJUS	189		Criminal Justice Elective	3				
LAW	2452	Interviewing Techniques	3	CJUS	189		Criminal Justice Elective	3				
LAW	2460	Standardized Field Sobriety Testing	1	CJUS	189		Criminal Justice Elective	1				
LAW	2510	Defensive Tactics	2	HHP	289		HHP Elective	2				
LAW	2523	Substance Use, Investigation, and Identification	2	CJUS	189		Criminal Justice Elective	2				
LAW	2525	Basic Intro to Mental Health & Chemical Dependency	1	CJUS	189		Criminal Justice Elective	1				
LAW	2531	Basic Firearms	1	CJUS	189		Criminal Justice Elective	1				
LAW	2532	Drug Investigation and Identification	3	CJUS	189		Criminal Justice Elective	3				
LAW	2540	P.O.S.T. Prep	1	CJUS	189		Criminal Justice Elective	1				
LAW	2542	Natural Resources and Recreational Enforcement	2	CJUS	189		Criminal Justice Elective	2				
LAW	2545	Civil Process	1	CJUS	189		Criminal Justice Elective	1				
LAW	2550	Field Training Experience	2	CJUS	160		Field Exp./Cert Prog CJUS	2				
LAW	2570	Crime Prevention	2	CJUS	189		Criminal Justice Elective	2				
LAW	2580	Police Ethics	2	CJUS	189		Criminal Justice Elective	2				
LAW	2595	Criminal Investigation	3	CJUS	212		Criminal Investigations	3				
LAW	2596	Crime Scene Processing	2	CJUS	189		Criminal Justice Elective	2				
LAW	2597	Spontaneous Knife Defense	1	CJUS	189		Criminal Justice Elective	1				

Mass Communication				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
MACO	1400	Digital Photography	3	ART	341		Photography 2	3				

Mathematics				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
MATH	0921	Fundamental Mathematics	4	MATH	090		Fundamentals of Mathematics	3				
				MATH	189		Mathematics Elective	1				
MATH	0971	Beginning Algebra	4	MATH	095		Fundamentals of Algebra	3				
				MATH	189		Mathematics Elective	1				
MATH	1020	Advanced Algebra	3	MATH	102		Intermediate Algebra	2				
				MATH	189		Mathematics Elective	1				
MATH	1040	College Algebra	4	MATH	102		Intermediate Algebra	2				
				MATH	189		Mathematics Elective	2				
MATH	1140	Liberal Arts Mathematics	3	MATH	112	CORE	Introduction to Contemporary Mathematics	3				
MATH	1145	Intro to the Mathematical Sciences	3	MATH	189		Mathematics Elective	3				
MATH	1200	Survey of Calculus	4	MATH	151	CORE	Calculus for Business, Life, and Social Sciences	3				
				MATH	189		Mathematics Elective	1				
MATH	1300	Trigonometry	2	MATH	189		Mathematics Elective	2				
MATH	1501	Pre-Calculus	5	MATH	115	CORE	Precalculus	5				
MATH	2010	Statistics	4	MATH	130	CORE	Elementary Statistics	4				
MATH	2101	Calculus 1	5	MATH	240	CORE	Calculus and Analytic Geometry I	4				
				MATH	189		Mathematics Elective	1				
MATH	2111	Calculus 2	5	MATH	241		Calculus and Analytic Geometry II	4				
				MATH	189		Mathematics Elective	1				
MATH	2121	Calculus 3	5	MATH	242		Calculus and Analytic Geometry III	4				
				MATH	189		Mathematics Elective	1				
MATH	2211	Differential Equations with Introductory Linear Algebra	5	MATH	315		Linear Algebra	3				
				MATH	189		Mathematics Elective	2				

Multicultural Studies				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
MCS	***	Study Abroad	2									
MCS	1010	Introduction to Indian Studies	2	FNS	110	D	Survey of First Nations Culture	3				
MCS	1071	American Indian Art	3	FNS	189		First Nation Studies Elective	3				

Microcomputer Service Technician			UW - Superior Equivalents				UWS Permanent Substitute			
Subject Code	Course Number	Title	Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
MCT	1500	i-Net+	Does not transfer							
MCT	1543	A+ Hardware								
MCT	1545	A+ Software								
MCT	1557	Communication Cabling & Termination								
MCT	1601	Technical Writing								
MCT	2010	Linux Installation and Administration								
MCT	2020	Linux Networking and Security								
MCT	2040	Windows Server								
MCT	2080	My SQL Programming								
MCT	2090	Intro to My SQL								
MCT	2100	Windows Exchange Server Training								
MCT	2140	Microsoft MTA Server								
MCT	2536	PC Systems I (Peripherals)								
MCT	2537	PC Systems II (Peripherals)								
MCT	2560	Wireless Network Administration								
MCT	2580	IT Project Management								

Medical Coding			UW - Superior Equivalents				UWS Permanent Substitute			
Subject Code	Course Number	Title	Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
MEDC	1120	Intro to Health Information Management Within Healthcare Delivery Systems	Does not transfer							
MEDC	1123	Coding and Reimbursement for Physician Services								
MEDC	1124	Advanced Coding and Reimbursement								
MEDC	1125	Advanced Physician Coding								
MEDC	1126	Professional Practice for Coding Specialist								
MEDC	1127	Applied Medical Terminology								
MEDC	1132	ICD-10-CM Coding								

Medical Laboratory Technician				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
MLT	1408	Intro to the Medical Laboratory		Does not transfer								
MLT	1412	Hematology I										
MLT	1422	Laboratory Techniques										
MLT	1424	Medical Microbiology 1										
MLT	1425	Clinical Chemistry 1										
MLT	1432	Hematology 2										
MLT	1445	Immunology	3	BIOL	318		Immunology	3				
MLT	2424	Medical Microbiology 2/Parasitology		Does not transfer								
MLT	2435	Urinalysis and Body Fluid Analysis										
MLT	2445	Clinical Chemistry 2										
MLT	2448	Clinical Chemistry 3										
MLT	2455	Immunochemistry 1										
MLT	2465	Immunochemistry 2										
MLT	2480	Clinical Practicum 1										
MLT	2485	Clinical Practicum 2										
MLT	2490	MLT Seminar 1										
MLT	2495	MLT Seminar 2										
MLT	2500	Clinical Practicum										
MLT	2501	MLT Seminar										

Music				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
MUSC	1010	Music Theory	4	MUSI	170	FAAE	Introduction to Music	3				
				MUSI	189		Music Elective	1				
MUSC	1050	America's Popular Music	3	MUSI	189		Music Elective	3				
MUSC	1100	Music Appreciation	3	MUSI	160	FAA	Music Appreciation	3				
MUSC	1110	Rock n Roll: A Short History	3	MUSI	189		Music Elective	3				
MUSC	1150	Fundamentals of Music	3	MUSI	170	FAAE	Introduction to Music	3				
MUSC	1200	Choir	1	MUSI	110	FAAE	A Cappella Choir	1				
MUSC	1300	Choir	2	MUSI	110	FAAE	A Cappella Choir	1				
				MUSI	189		Music Elective	1				
MUSC	1400	Applied Music Lessons in Beginning Piano	1	MUSI	136	FAAE	Applied Music-Piano	1				
MUSC	1410	Applied Music Lessons in Voice	1	MUSI	139	FAAE	Applied Music-Voice	1				
MUSC	1420	Applied Music Lessons in Advanced Piano	1	MUSI	236		Applied Music-Piano	1				
MUSC	1430	Applied Music Lessons in Organ	1	MUSI	137	FAAE	Applied Music-Organ	1				
MUSC	1440	Applied Music Lessons in String	1	MUSI	189	FAAE	Music Elective	1				
MUSC	1450	Applied Music Lessons in Woodwinds	1	MUSI	189	FAAE	Music Elective	1				
MUSC	1460	Applied Music Lessons in Brass	1	MUSI	189	FAAE	Music Elective	1				
MUSC	1470	Applied Music Lesson in Percussion	1	MUSI	129	FAAE	Applied Music-Percussion	1				

Natural Science			UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
NSCI	1500	Meteorology	GEOL	189	LAB	GEOL Elective	3				
NSCI	1610	Galileo and the Revolution in Astronomy	PHYS	189		PHYS Elective	3				
NSCI	1945	The History of Science--The Atomic Bomb	PHYS	189		PHYS Elective	3				
NSCI	2000	Special Topics in Science: Nobel Conference	BIOL or	189							
			CHEM or	189		BEST FOR THE STUDENT					
			PHYS	189							

Nursing			UW - Superior Equivalents				UWS Permanent Substitute			
Subject Code	Course Number	Title	Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
NURS	0950	Essential Mathematics	Does not transfer							
NURS	1250	Foundations of Nursing								
NURS	1350	Care of the Client Affected by Chronic Stressors								
NURS	1750	Nursing Bridge								
NURS	2050	Care of Women and Children								
NURS	2150	Care of the Client Affected by Acute Stressors								
NURS	2250	Care of the Client Affected by Complex Stressors								
NURS	2350	Foundations of Leadership								
NURS	2900	Transition to Practice Essentials								

Personal Development				UW - Superior Equivalents				UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
PDEV	8083	Service-Learning Experience	1	Does Not Transfer							

Physical Education				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
PE	1020	Varsity Volleyball	1	HHP	300		Varsity Sports I	1				
PE	1040	Varsity Basketball	1	HHP	300		Varsity Sports I	1				
PE	1050	Varsity Softball	1	HHP	300		Varsity Sports I	1				
PE	1060	Varsity Baseball	1	HHP	300		Varsity Sports I	1				
PE	1070	Power Volleyball	1	HHP	130		Volleyball	0.5				
				HHP	189		HHP Elective	0.5				
PE	1110	Softball	1	HHP	128		Softball	0.5				
				HHP	189		HHP Elective	0.5				
PE	1120	Varsity Golf	1	HHP	300		Varsity Sports I	1				
PE	1190	Golf	1	HHP	278		Golf	0.5				
				HHP	189		HHP Elective	0.5				
PE	1220	Mind Body Fitness	1	HHP	203		Group Fitness	1				
PE	1250	Bowling	1	HHP	189		HHP Elective	1				
PE	1270	Archery	1	HHP	276		Archery	0.5				
				HHP	189		HHP Elective	0.5				
PE	1310	Canoeing	1	HHP	142		Paddling	1				
PE	1340	Curling	1	HHP	217		Curling-Broomball	0.5				
				HHP	189		HHP Elective	0.5				
PE	1350	Downhill Skiing 1	1	HHP	117		Alpine Skiing	1				
PE	1360	Downhill Skiing 2	1	HHP	317		Advanced Winter Sports	1				
PE	1380	Winter Outdoor Activities	1	HHP	218		Cross Country Ski-Snowshoe	0.5				
				HHP	189		HHP Elective	0.5				
PE	1390	Snowboarding	1	HHP	317		Advanced Winter Sports	1				
PE	1410	Ballroom, Folk, Contemporary Dance	1	HHP	133	FAAE	Social and Square Dance	1				
PE	1500	Aerobics	1	HHP	189		HHP Elective	1				
PE	1520	Fitness For Life	1	HHP	189		HHP Elective	1				
PE	1560	Fitness Walking	1	HHP	189		HHP Elective	1				
PE	1570	Weight Training	1	HHP	182		Weight Training	1				
PE	1800	Physical Education for Law Enforcement	2	HHP	189		HHP Elective	2				
PE	2010	Introduction to Physical Education	2	HHP	110		Intro to HHP Minors/Majors	1				
				HHP	189		HHP Elective	1				

Pharmacy Technician			UW - Superior Equivalents				UWS Permanent Substitute			
Subject Code	Course Number	Title	Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
PHAR	1010	Pharmacy Law and Ethics	Does not transfer							
PHAR	1015	Fundamental Concepts of Pharmacy								
PHAR	1020	Fundamental Pharmacotherapy Calculations								
PHAR	1030	Principles of Pharmacy								
PHAR	1035	Pharmacy Medication Technology								
PHAR	1040	Pharmacotherapy of Disease Processes								
PHAR	1055	Experiential 1 (Retail)								
PHAR	2010	Fundamental Concepts of Pharmacy 2								
PHAR	2020	Pharmacy Sterile Products Lab								
PHAR	2055	Experiential 1 (Hospital/Institutional)								

Philosophy				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
PHIL	1200	Introduction to Philosophy	3	PHIL	151	HWLC	Introduction to Philosophy	3				
PHIL	1250	Logic	3	PHIL	212	HWLC	Critical Thinking	3				
PHIL	1300	Ethics	3	PHIL	211	HWLC	Contemporary Moral Problems	3				
PHIL	1350	Human Nature	3	PHIL	189		Philosophy Elective	3				

Physics				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
PHYS	1005	Physics Concepts	4	PHYS	160	LAB	Physical Science	4				
PHYS	1010	Introduction to Physics 1	4	PHYS	189		Physics Elective	4				
PHYS	1020	Introduction to Physics 2	4	PHYS	189		Physics Elective	4				
PHYS	2010	General Physics 1	5	PHYS	189		Physics Elective	5				
PHYS	2021	General Physics 2	5	PHYS	189		Physics Elective	5				
PHYS	2030	Modern Physics	3	PHYS	401		Modern Physics	3				

Political Science				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
PSCI	1100	American Government	3	POLS	150	SS	Introduction to American Government	3				
PSCI	1300	State and Local Government	3	POLS	230	SS	US National, State/Local Government	3				
PSCI	1500	Alternative Spring Break	3	POLS	189		Political Science Elective	3				

Psychology				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
PSYC	1010	Psychology of Adjustment	2	PSYC	189		Psychology Elective	2				
PSYC	1205	General Psychology	4	PSYC	101	SS	Introduction to Psychology	3				
				PSYC	189		Psychology Elective	1				
PSYC	1350	Lifespan Development	3	ted	253		Lifespan Development	3				
PSYC	1350	Lifespan Development	3	PSYC	289		Psychology Elective	3				
PSYC	1400	Abnormal Psychology	3	PSYC			Psychology Elective	3				

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Reading				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
READ	0920	Preparation for College Reading and Writing 1	4	Does not transfer								
READ	0950	Preparation for College Reading 1	3	IDS	095		Collegiate Study Skills	0				
READ	0960	Preparation for College Reading 2	3	Does not transfer								
READ	1320	Efficient College Reading	2	ELEC	189		Interdisciplinary Studies Elective	0				

			Safety and Health			UW - Superior Equivalents			UWS Permanent Substitute		
Subject Code	Course Number	Title	Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Title	Course Credits	
SHA	1561	MSHA New Miner	DOES NOT TRANSFER								
SHA	1600	Introduction to Industrial Safety and Health	HLTH	189	Health Elective						
SHA	2010	Annual Refresher/Fire Safety/First Aid	HLTH	189	Health Elective						

Skills Courses for Law Enforcement			UW - Superior Equivalents				UWS Permanent Substitute			
Subject Code	Course Number	Title	Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
SKL	2661	Patrol Practicals	CJUS							
SKL	2664	Firearms								
SKL	2665	Crime Scene Processing								
SKL	2666	Traffic Enforcement								
SKL	2667	Defensive Tactics								

Sociology				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
SOC	1100	Introduction to Sociology	3	SOCI	101	SS	Introduction to Sociology	3				
SOC	1200	Social Problems	3	SOCI	201	SS	Global Social Problems	3				
SOC	1300	Criminology	3	SOCI	189		Sociology Elective	3				
SOC	1400	Marriage and the Family	3	SOCI	189		Sociology Elective	3				
SOC	2200	Race and Ethnicity	3	SOCI	273	D,SS	Race and Ethnicity	3				
SOC	2300	Aging	3	SOCI	189		Sociology Elective	3				

Speech				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
SPCH	1010	Fundamentals of Speech	3	COMM	110	CORE	Introduction to Communication	3				
SPCH	1040	Introduction to Communication	3	COMM	110	CORE	Introduction to Communication	3				
SPCH	1050	Interpersonal Communication	3	COMM	211		Interpersonal Communication	3				

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Study Skills				UW - Superior Equivalents					UWS Permanent Substitute			
Subject Code	Course Number	Title	Course Credits	Subject Code	Course Number	Gen Ed	Title	Course Credits	Subject Code	Course Number	Title	Course Credits
STSK	1000	College Study Skills	2	IDS	095		Collegiate Study Skills	2				
STSK	1001	College Success Strategies	2	IDS	130		Introduction to the College Experience	1				
				IDS	189		Interdisciplinary Studies Elective	1				
STSK	1100	Transition to College	2	IDS	189		Interdisciplinary Studies Elective	2				
STSK	1200	College Success Strategies for Health Careers	2	IDS	189		Interdisciplinary Studies Elective	2				