

University of Southern Maine
USMDept Course Enrollment by Subject
Course Credit Hours

by USMDept by Course Subject		Course Credit Hours													
PI_USMCollege		Science, Technology, and Health													
Row Labels	Catalog Nbr	Course Title	FA2015	SP2016	SU2016	FA2016	SP2017	SU2017	FA2017	SP2018	SU2018	FA2018	SP2019	SU2019	FA2019
Applied Medical Sciences			96.5	7						1					
AMS	530	Molecular Biology	3												
	552	Immunology	6												
	565	Molecular Microbiology	3												
	691	Advanced Sem in Biomedical Sci		1											
	693	Adv Res Tech in Biomed Science	1.5	1											
	697	Externship	5	5					1						
	698	Thesis	3												
AMS Total			21.5	7					1						
BIO	431	Principles of Immunology	75												
BIO Total			75												
Biological Science			3263.5	2805.5	715.5	3212.5	3078	612.5	3482.5	3007.5	688	3390	3023.5	762.5	3216.5
BIO	101	Biological Foundations		90			117	12		72			105		
	102	Biological Experiences		22	3		33	3		25			22		
	103	Introduction to Marine Biology	120			96			117			108			117
	104	Marine Biology Lab	35			31			30			29			28
	105	Biol Principles I:Cellular Bic	306	186	42	240	276	39	294	231	57	297	177	48	243
	106	Laboratory Biology	118.5	79.5	10.5	112.5	106.5	16.5	139.5	94.5	22.5	127.5	76.5	16.5	115.5
	107	Biological Principles II	121.5	265.5		171	238.5		130.5	306		202.5	229.5		126
	109	Bio Principles III:Funct Biol	75	99		66	60		63	39		72	45		69
	111	Human Anatomy & Physiology I	714		168	705		129	735		135	678		132	591
	112		324		78	322.5		55.5	348		72	355.5		61.5	333
	113	Human Anatomy & Physiology II	12	528	108	6	546	93		555	117	3	615	111	
	114	Prac Hum Anat & Physiology II	4	271.5	60	2	282	49.5		307.5	58.5	1.5	319.5	54	
	201	Genetics	237			219			219			219	3		195
	203	Ecology		93			120			84			123		
	205	Comparative Vertebrate Anatomy								72			4.5		
	217	Evolution		108			87			96			60		
	221	Human Physiology I	51			84			102			105			147
	223	Human Physiology II		45			66			96			75		
	231	Botany				76.5						76.5			
	281	Microbiology for Health Scienc	150	210	48	120	228	39	243	132	63	219	135	48	249
	282	Microbiological Laboratory	132	126	34	136	112	12	156	148	34	146	134	26	152
	291	Ornithology	72					27						31.5	
	305	Developmental Biology	87			78			72			84			78
	306	Developmental Biology Lab	30			28			30			32			24
	311	Microbiology	84			123				123			129		
	321	Neurobiology	84			72			96			90			87
	322	Neurobiology Lab	24			24			18			20			26
	332	Field Ecology		16			16								
	335	Entomology							48						36
	337	Marine Ecology							85			75			
	345	Pathophysiology	228	273	153	222	213	135	210	240	129	159	267	222	162
	351	Invertebrate Zoology													30
	353	Vertebrate Zoology												30	
	361	Parasitology												60	
	362	Parasitological Laboratory												36	
	383	Plant Ecology	80						45						80
	401	Animal Physiology		84			78			75				33	
	402	Animal Physiology Lab		16			36			30				12	
	405	Animal Behavior					48								
	406	Animal Behavior Lab					24								
	407	Environ Modul of Develop Mech					48							6	
	408	Experimental Genetics	20			28				14				12	
	409	Cell And Molecular Biology		84			87			54				33	
	410	Cell and Molecular Biology Lab		24			34			26				14	
	413	Applied Biostatistics	18			12			21			15			27
	415	Microbial Ecology					36							3	
	416	Microbial Ecology Lab					24							2	
	417	Issues in Evolution							36						
	419	Human Evolution					30								6

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BIO	421	Biology Seminar	38	16		44	20		16	96		42	54		26
	431	Principles of Immunology				60			60			45			87
	432	Immunology Laboratory							22			22			26
	441	Problems in Biology	2.5	11	2		9	2	12.5	8.5		11.5	10.5	7	17
	499	Topics in Biology		57								9			
	501	Animal Physiology		9			3			6			3		
	505	Animal Behavior					3								
	507	Environ Modul of Develop Mech					9							21	
	508	Experimental Genetics								4				2	
	509	Cell And Molecular Biology			6					9				21	
	510	Cell and Molecular Biology Lab								2				8	
	513	Applied Biostatistics	9			24			9			15			21
	515	Microbial Ecology					3							33	
	516	Microbial Ecology Lab												14	
	517	Issues in Evolution							9						
	519	Human Evolution					3								6
	531	Principles of Immunology				6			3			15			
	545	Advanced Pathophysiology	72	51		78	69		72	36		78	54		78
	599	Topics in Biology		12								12			
	601	Research Methods in Biology							24					21	
602	Ethical Issues in Biology							2							
621	Graduate Seminar	8	6		9	4		6	12		14	15	1	20	
660	Graduate Independent Study		1											2	
698	Thesis Research	7	16	6	11	9		7	14		12	6	2	12	
443	Internship			3	6			2						2	
BIO Total			3263.5	2805.5	715.5	3212.5	3078	612.5	3482.5	3007.5	688	3390	3023.5	762.5	3216.5
Chemistry			1555	1715	628	1807.5	1641	588.5	1797.5	1603.5	573	1679.5	1779.5	590.5	1556
CHY	107	Chemistry for Health Sciences	315	393	81	318	297	105	393	345	63	336	387	78	285
	110	Chem, Life And the Environment				152									
	113	Principles of Chemistry I	477	276		462	297		447	261		441	399		393
	114	Lab Techniques I	125	81		202.5	129		226.5	124.5		217.5	174		207
	115	Principles of Chemistry II		348	123	267	87		288	72		279	90		
	116	Laboratory Techniques II		95	34		123	34.5		129	30		115.5	40.5	
	233	Analytical Chemistry w/Lab		132			125			130			110		
	251	Organic Chemistry I	228		150	273		123	234		174	240		153	255
	252	Organic Chemistry I Lab	134		72	128		68	140		78	136		72	136
	253	Organic Chemistry II		174	114		177	117		138	114		120	105	
	254	Organic Chem II Lab		92	54		68	54		76	42		70	52	
	345	Polymer Chemistry													15
	351	Advanced Organic Chemistry							24						
	371	Quantum Chemistry		24			24			24			15		
	373	Chemical Thermodynamics	24			36				36		24			36
	374	Chemical Thermodynamics Lab	3			10				14		8			10
	377	Spectroscopy	18				36					36			
	378	Instrumental Analysis Lab	12				26					22			
	385	Pickles to Pints: Fermentation	15			36			48			30			30
	411	Special Topics	6			2						2			
	412	Special Topics											2		
	413	Special Topics													1
	416	Special Topics		2											
	417	Special Topics													3
	418	Special Topics				5									
	421	Inorganic Chemistry		33						45			30		
	461	Biochemistry	156			147				138		141			132
	462	Biochemistry Lab	42			36				52					
		Biochemistry Lab I										46			50
	463	Biochemistry II			45		48			36			60		
464	Biochemistry Laboratory II								20						
470	Chemistry in Perspective		20			24			32			15			
561	Biochemistry													3	
563	Biochemistry II											3			

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CHY Total			1555	1715	628	1807.5	1641	588.5	1797.5	1603.5	573	1679.5	1779.5	590.5	1556
Coll of Science, Tech & Health															69
EYE	199	Topics													69
EYE Total															69
Computer Science			1195	1104		1272.5	1105	3	1250	1208		1253	1214		1347
COS															
	160	Structured ProblemSolving:Java	366	231		342	192		372	297		363	243		252
	161	Algorithms in Programming	100	160		140	160		156	216		172	256		148
	170	Structured Programming Lab	121	75		115	62		123	100		121	81		84
	184	Python Programming							52				28		52
	199	Intro Comp Program in Python				52									
		Topics in Computer Programming					66			30		30			51
	200	Introduction to Cyber Security				12			24	3		6	15		9
	250	Computer Organization		87			93			72			81		
	255	Computer Organization Lab		29			31			24			27		
	280	Discrete Mathematics II	128			120			128			152			160
	285	Data Structures	164			124			132			136	84		164
	350	Systems Programming		99			84			81			87		
	360	Programming Languages	93			99			60			78			60
	368	Graphic User Interface Design					63								
	374	Numerical Analysis											15		
	375	Web Applications Development							104						
	389	Programming Autonomous Robots					66						63		
	398	Prof Ethics & Soc Impact Comp		84			81			96			90		90
	420	Object-Oriented Design		108			96			76			72		
	444	Software Project Management				93						63			
	450	Operating Systems				72						45			
	452	Computer Graphics				88									76
	457	Database Systems		102						81					84
	460	Computer Networks	72						69						75
	470	Topics in Computer Science		57					30	39					42
	475	Machine Learning	72									84			
	485	Design of Computing Algorithms		33											
		Design/Analysis Comp Algorithm					105			78			60		
	497	Independent Study in Comp Sci		6		3.5				12		3	12		
	498	Computer Science Internship					3	3							
	540	Computer Networks	21												
	542	Distributed Systems	24												
	550	Operating Systems				3									
	558	Database Systems		6											
	570	Sem:Adv Topics in Comp Sci		9						3					
	575	Machine Learning	28												
	696	Master's Project				9	3								
	697	Independent Study	3												
	699	Master's Project	3	18											
COS Total			1195	1104		1272.5	1105	3	1250	1208		1253	1214		1347
Engineering			1656	1216		1358	1257	18	1639	1449	46	1764	1433	75	1944
EGN															
	160	Intro to Program:C Language							84			108			68
	181	Engineering Tools: Mathematica		11											
	182	Engineering Tools: Solidworks				23					23				
	184	Engin Tools: Industrial Power							9						
	186	Engineering Tools: MatLab	17						10						
	188	EngTools: Materials Processing					11						16		
	198	Intro Topics in Engin:C++ Prog	84												
	210	Technical Writing	18	21			42	18	90	135	9				
	248	Intro Differential Equat & Alg	80	52			148		84	92		84	120		84
	260	Materials Science for Engineer	63			66			105			117			147
	301	Jr Design Proj and Engineer Pr		93			69			84			102		
	304	Engineering Economics		138			99			90	36		75	72	
	317	Introduction to Robotics							39						87
	325	Control Systems		57			39			21			84		
	329	Electromechanical & Contrl Lab					7			4			16		

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EGN	394	Engineering Internship									1		3		3	
	402	Senior Design Project	87	45		69	27		45	24		66	21		57	
	403	Advanced Design Project		33			18			21			21		3	
	446	Micro Electromechanical System		78						36						
	481	Engineering Stats for Manufact										69				
	497	Independent Study	19	5					6	4		3	6	3		
	498	Advanced Topics in Engineering				81										60
	517	Introduction to Robotics							30							18
	602	Graduate Design Project												3		
	187	Engineering Tools: PSpice		11												
	546	Micro Electromechanical System								6						
EGN Total			368	544		239	460	18	502	517	46	470	467	75	527	
ELE	172	Digital Logic				128			120			124			144	
	216	Circuits I: Steady-State Analy	90			126			135			129			153	
	217	Circuits II: System Dynamics		75			111			132			120			
	219	Circuits Laboratory		25			37			42			39			
	271	Microprocessor Systems		60			68			112			76			
	314	Linear Signals and Systems	164			51			42			57			99	
	323	Electromech Energy Conv	136			57			96			123			117	
	327	Energy and Power Systems	72				48						39			
	342	Electronics I: Devices & Circuits	76			40			72			72			112	
	343	Electronics II: Electron Design		80			32			40			60			
	351	Electromagnetic Fields				51			27			51			72	
	444	Analog Integrated Circuits				42						24				
	486	Digital Signal Processing		24			27			36			30			
	489	Analog and Digital Signals Lab					4			12			10			
	527	Energy and Power Systems											6			
	483	Communications Engineer								36						
ELE Total			538	264		495	327		492	410		580	380		697	
EYE	112		315	72		342	72		294	39		270	45		276	
EYE Total			315	72		342	72		294	39		270	45		276	
MAT	181	Computing with Mathematica		3												
MAT Total				3												
MEE	150	Applied Mechanics: Statics		69		48	45		45	81		30	60		57	
	230	Thermodynamics I: Laws & Propts		60			63			93			87			
	251	Strength of Materials	72			63			60			93			81	
	259	Statics/Strength Materials Lab	21			23			25			32			29	
	270	Applied Mechanics: Dynamics		36			75			66			60			
	331	Thermodynamics II: Flows & Cycl				69			51			63			81	
	339	Thermodynamics Laboratory				23			17						45	
	352	Analysis & Design of Comp Struct	54									48				
	360	Fluid Mechanics	138						78			84			63	
	361	Physical Metallurgy					75						66			
	372	Comp-Aided Design of Mach Elem	57			56				92			88			
	373	Design Machines & Mechanisms		72								88			88	
	374	Theory & Applications of Vibrati	93				72			45			63			
	375	Engineering Acoustics							75							
	379	Dynamics and Vibrations Lab					4			12			18			
	432	Heat Transfer		96						75			69			
	552	Analysis & Design of Comp Struct										6				
	561	Physical Metallurgy											9			
	439	Fluid Mechanics/Heat Trans Lab								19			21			
MEE Total			435	333		282	398		351	483		444	541		444	
Environmental Science/Planning & Policy			846	916	105	872.5	957	66	830.5	862.5	31.5	802	851		910	
BIO	361	Parasitology		52												
	362	Parasitological Laboratory		36												
BIO Total				88												
ESP	101	Fund of Environmental Science	153	123		171	138		174	132		135	78		198	
	102	Fund of Environmental Sci Lab	49	41		60	42		61	49		51	28		72	
	125	Intro to Environmental Ecology		96			96			111			90			
	126	Intro to Environ Ecology Lab		30			31			33			25			

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ESP	131	Northern Forest Canoe Trail			24			9							
	150	Env Sci Field Immersion				105			135			87			78
	197	Research Skills Lab	12	18		12	14		20	16		24	7		20
	199	Topics in Environmental Sci								21			48		
	200	Environmental Planning				78						72			
	203	Environmental Communication			66		66			66			102		
	207	Atmosphere: Sci, Climate & Chg		39			60			57			60		
	212	Environmental Ethics			36	27		45	39		30				
	220	Intro to Environmental Policy				54						57			
	223	Nature Based Tourism				27									
	250	Soils and Land Use										36			
	260	Soil & Water Conservation Eng			63		75			36			48		
	275	Energy Use&Societal Adaptation	48			66				63		63			48
	280	Research & Analytical Methods	112			72				56		80			84
	299	Topics in Environmental Sci											75		
	303	Wetlands Ecology			51						75				
	305	Community Planning Workshop	60							45					60
	308	Global Envir Problems &Sustain			75						96		63		
	311	Energy Efficiency	33				18								24
	313	Renewable Energy			57					36					
	326	Environmental Economics	33							9		9			
	340	Environmental Regulations	108				81			99		48			111
	341	Limnology	64							48					44
	350	Environmental Entomology													18
	360	Water Qual Assess & Control						104					92		
	375	Environmntl Risk Assessmnt&Mng	57							36					63
	389	Env Sci Teaching Practicum	2	3											
		Teaching Practicum				8.5	6		4	2		6	3		4
	399	Topics in Environmental Sci								10.5					
	400	Internship	42	27	21	36	33		36	12		30	15		42
	401	Environ Imp Assessment & Lab			84			124			60		52		
	412	Field Ecosystem Ecology				72						48			
	413	Forest Ecology	48							24					24
	417	Site Planning & Assessment				57						39			
421	Natural Resource Policy						39					45			
450	Research Practicum	4	13	6	12	12	3	1.5	7	1.5	2	2		2	
470	Solid Waste Planning & Policy			33											
489	Grant Writing Seminar					12			16						
512	Field Ecosystem Ecology				12						12				
513	Forest Ecology								4					12	
521	Natural Resource Policy						3					18			
526	Environmental Economics	9													
540	Environmental Regulations	12				3	3	3			3			6	
542	Environmental Science:Concept				3		3								
570	Solid Waste Planning & Policy			9											
ESP Total			846	828	87	872.5	957	60	830.5	862.5	31.5	802	851	910	
EYE	199	Topics			18			6							
EYE Total					18			6							
Exercise, Health, Sport Science			1673	1591	300	1622	1492	208.5	1563	1670	322	1951	1958	279	1864
CON	216	Emergency Response	66	54											
	219	Lifetime Physical Fit & Well		78	69										
	252	Human Nutrition	87			87									
	352	Nutrition for Physical Perform	51												
CON Total			204	132	69	87			63		42			72	
PHE	106	NCAA Life Choices	36			42			63			42		72	
	203	Athletic Training for Coaches		69		57			75						
		Athletic Training										81		72	
	302	Coaching Phil & Fundamentals	87			75			78			84		75	
	303	Coach/Officiating Basketball				60			72			57		75	
	309	Coach/Officiate Track & Field		30			51			60			39		
311	Coaching & Officiating Soccer	60			42			42			24		42		

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PHE	314	Organization&Admin Athletics		72			87			102			78		
	315	Coach & Officiate Field Hockey	33			21									
	316	Coaching & Offic Volleyball											45		
	335	Coach/Offici Baseball/Softball		93			147			96			90		
	391	Field Experience/Internship	35	22	9	5	20	3	17	10	10	14	17		3
	398	Independent Study	3							3		3			
PHE Total			254	286	9	302	305	3	347	271	10	305	269	339	
SPM	100	Intro to Exer, Hth&Sport Scien	147	147		171	147		162	216		441	186	369	
	210	Clinic Athletic Training Prn I	56			48			24			69		36	
	211	Protective Taping & Wrapping	28			23			11			23		12	
	216	Emergency Response				48	60		63	57					
		Emergency Medical Response										60	102	57	
	219	Lifetime Physical Fit & Well				3	51	69	126	189	114	261	333	63	264
	230	Psych of Physical Activ& Sport	243			297	135		120	126	60	123	138	84	123
	235	Lab Tech in Nutrition&Exercise		78											
	260	Essential of Personal Training	54	42		39	33			66			60		
	265	Therapeutic Modalities		63			42			36			48		
	270	Athletic Training Clinic I		42			28			24			32		
	299	Topics			9			4.5							
	302	Pharmacology for ALT & EXS			72			60			36			24	
	310	Athletic Training Principle II		63			42			36			48		
	315	Group Exercise Instruction	33												
	325	Methods Resist Train & Condi	30	57		39	27		39	54		57		57	
	330	Physiology of Exercise	60	66		39	69		57	42		60	27	57	
	340	Therapeutic Exercise		30			51			36			24		
	350	Health Promotion Programs		162			120		90	126	72	93	189	72	174
	352	Nutrition for Physical Perform				42	36		39	72		24	63	24	
	370	Athletic Training Clinic II	24			34			26			18		16	
	371	Athletic Training Clinic III		22			34			24			16		
	381	Kinesiology	120			108			63			69	45	63	
	385	Practicum I		60		30			57			57		39	
	395	Practicum II	63			24	45			45			54		
	398	Independent Study		5	3										
	410	Athletic Train Principles III	36			51			39			27		24	
	430	Exercise Test,Assess,Prescript	63	54		54	30		69	42		42	51	30	
	431	Adv Exercise Physiology		75			33			30			63		
	440	Manual Therapy	42			36			51			36		24	
	450	Exercise for Spec Population	81			57			39			51		54	
	470	Athletic Training Clinic IV	42			30			51			39		24	
	480	Organiz & Admin of Ath Train	42			27			54			36		24	
485	Senior Thesis I	51			33			36			60		54		
486	Senior Thesis II		42			30			27			57			
495	Clinical Internship/Co-op		165	138		174	72		151	30		153	36		
SPM Total			1215	1173	222	1233	1187	205.5	1216	1399	312	1646	1689	279	1525
Geosciences			174	275	152	222.5									
GEO	340	Digital Mapping		52											
	450	Topics in Geography				18									
GEO Total				52		18									
GEY	100	Volcanoes, Earthquakes& Plates	108	156	114	150									
	101	Lab Experiences in Geology	30	46	38	50									
	204	Crustal Deformation	10												
	207	Atmosphere Sci, Climate & Chg		21											
	299	Topics in Geosciences	26												
499	Topics				4.5										
GEY Total			174	223	152	204.5									
Linguistics			1013	1305	265	1136	1332	129	2172	2278	190	2888	2471	203	2947
ASL	101	Beg Amer Sign Language I	220	248	72	288	208	28	388	248	28	404	264	56	424
	102	Beg Amer Sign Language II		124	72		168	16		252	24		148	28	
	201	Intermediate ASL I	56			100			76			128		88	
	202	Intermediate ASL II		56			72			56			104		
	401	Adv American Sign Language I	44			60			76			36		60	

University of Southern Maine
USMDept Course Enrollment by Subject
Course Credit Hours

by USMDept by Course Subject		Course Credit Hours PI_USMCollege Science, Technology, and Health													
Row Labels	Catalog Nbr	Course Title	FA2015	SP2016	SU2016	FA2016	SP2017	SU2017	FA2017	SP2018	SU2018	FA2018	SP2019	SU2019	FA2019
ASL	402	Adv American Sign Lang II		48			48			64			28		
	415	ASL Literature in ASL					42			27					24
	416	ASL Linguistics in ASL		33					27			30			
	417	Deaf Art, Film & Theatre in ASL											30		
ASL Total			320	509	144	448	538	44	567	647	52	598	574	84	596
CHI	101	Beginning Chinese I							30	51		56	60		72
	102	Beginning Chinese II							9	24		16	44		
	299	Intermediate Chinese I													24
CHI Total								39	75		72	104		96	
FRE	101	Beginning French I							60			160			224
	102	Beginning French II								48			100		
	199	Topics											13		
	201	Intermediate French I							60			48			80
	202	Intermediate French II								40			48		
	300	Conversational French											18		
	301	Practical French I										24			28
	302	Practical French II											12		
	470	Independent Study								4					
FRE Total								120	92		232	191		332	
GER	101	Beginning German I							96			140			152
	102	Beginning German II								56			80		
	199	German Topics								1					
	201	Intermediate German I							20			36			32
	202	Intermediate German II									16		16		
GER Total								116	73		176	96		184	
ITA	101	Beginning Italian I							64			92			44
	102	Beginning Italian II								32			40		
	299	Intermediate Italian										20	20		
ITA Total								64	32		112	60		44	
LAT	101	Beginning Latin I										40			68
	102	Beginning Latin II											8		
LAT Total												40	8	68	
LIN	105	Contrastive Analysis:ASL & Eng	66			78			78			66			69
	112				36	69			78			78			
	185	Language, Mind & Society	318	408	42	177	321	60	354	447	69	294	438	78	345
	186	Intro to Linguistics: Lab					77	13	77	102	16	67	85	13	74
	199	Topics in Linguistics										168	56		
	201	Language Acquisition				36					3	48			
	203	Introduction to the Deaf World		105			75			117			84		60
	211	Anat&Phys of Speech&Hear Mech	42							36					
	212	Speech Science		30						51					
	213	Introduction to Audiology				39						63			
	232	Intro to Educational Interpret										33			
	236	Not Yet Ready Prime Time Inter	1	1		1			4	1		4	1		1
	299	Topics								45					
	310	Signs of Language in the Brain				57				66		75			
	311	Phonetics	54							45					99
	312	Phonology & Morphology					36						75		
	313	Syntax	57			66			78			123			90
	314	Semantics				30									
	315	Field Methods					33								
	317	Two Languages, One Mind										33			75
	331	ASL/Eng Interpreting		36			33			42			54		
	332	Consecutive Interpreting	24			39			24			39			21
	333	Interpreting:Source Lang ASL	21			42			33			30			24
	334	Interpreting:Source Lang Engl	33			30			42			21			21
	336	Observational Internship							6						3
	394	Teaching Internship					3					3	3		
	395	Research Internship		3	3	6			3			6	6		9
398	Independent Study	5	9	3	8			1	1	5	1	10		13	
401	Foundations of Interpreting I	3				2		4	8		3	5			

University of Southern Maine
USMDept Course Enrollment by Subject
Course Credit Hours

by USMDept by Course Subject		Course Credit Hours	Science, Technology, and Health													
Row Labels	Catalog Nbr	Course Title	FA2015	SP2016	SU2016	FA2016	SP2017	SU2017	FA2017	SP2018	SU2018	FA2018	SP2019	SU2019	FA2019	
LIN	402	Foundations of Interpreting II	2	1			1		4	3		2			2	
	403	Found of Interpreting III		2					4	1						
	404	Foundations of Interpreting IV		2					1							
	410	Ethical Decision Making in ASL		33			27			24			27			
	422	Cognitive Persp On Syntax		30			54									
	423	Seminar in Syntax											108			
	425	Topics in ASL/English Interpre		6	30	4	48	6		36	45					
	426	Topics in Theoretical Linguist		30						42						
	431	Med Interpreting I:Essential													21	
	432	Medical Interpreting II											15			
	434	Adv Interpreting and Research					36			66			54			
	435	Adv Interpreting & Practicum I		36			24			54			36			
	436	Practicum II		6			18			9			34			
	490	Intro to Language Research		36												
	498	Thesis		3		3		3	3							
499	Topics								72							
599	Topics		4	19	7	3	6	3	3							
LIN Total			693	796	121	688	794	85	950	1115	138	1157	1091	91	927	
SPA	101	Beginning Spanish I							176			312		28	420	
	102	Beginning Spanish II								156			196			
	201	Intermediate Spanish I							48			72		48		
	202	Intermediate Spanish II								28			56			
	300	Conversational Spanish											21			
	301	Practical Spanish I										20		40		
	302	Practical Spanish II											16			
	399	Topics in Spanish											6			
SPA Total								224	184		404	295	28	508		
ARA	101	Beginning Arabic I							92			76			68	
	102	Beginning Arabic II								60			32			
ARA Total								92	60		76	32		68		
LAN	101	Beginning Language I											21	20		
	199	Languages I													48	
	201	Intermediate Language I													124	
LAN Total											21	20		124		
Mathematics			6807	4840	1218	7355	5091	1148	7413	5276	1122	8034	5449	1112	8530	
EDU	505	Teaching Mathematics K-8		51												
	554	Secondary Math Methods		3												
EDU Total			3	51												
MAT	100	Mathematics Bridge											219		918	
	101	College Readiness Mathematics	772	824	64	744	736	68	796	724	100	1216	788	60	580	
	105	Math for Quant Dec Making	224	120	76	260	212	92	228	212	36	140	180	44	72	
	108	College Algebra	820	608	140	920	596	120	936	624	100	948	744	140	716	
	120	Intro to Statistics	1788	868	180	2136	900	156	2204	1100	196	2352	1056	144	2448	
	131	Number Syst for Elem Teachers				81	51		51	69		63	57		51	
	140	Pre-Calculus Mathematics	273	252	75	225	252	111	213	309	120	198	312	90	294	
	145	Discrete Math I	75	87		93	84	42	96	90	45	138	174	21	96	
	148	Applied Calculus	60			45			21			18				
	152	Calculus A	1040	480	172	1188	612	140	1084	620	132	1420	636	132	2120	
	153	Calculus B	216	280	144	240	356	120	284	300	152	280	340	156	320	
	199	Topics				48										
	210	Business Statistics	288	264	52	240	220	48	176	208	40	192	212	32	224	
	220	Stat for Biological Sciences	92	104	72	88	64	108	108	116	36	124	92	64	104	
	231	Algebra for Elem Teachers		24			51			42			72			
	232	Geometry Elem Teachers	27						39			18			27	
	242	Applied Problem Solving		24						24					18	
	252	Calculus C	164	76	36	192	116	32	180	92	48	176	84	56	164	
	264	Statistical Software Package	10						12						6	
	281	Intro Probability & Statistics	51			60			72			66			69	
	282	Statistical Inference		51			63			51			39			
290	Foundations of Mathematics	44	52		48	52		52	44		48	64		40		
295	Linear Algebra	68	100		72	100		88	80		100	56		56		

University of Southern Maine
USMDept Course Enrollment by Subject
Course Credit Hours

by USMDept by Course Subject		Course Credit Hours	Science, Technology, and Health												
Row Labels	Catalog Nbr	Course Title	FA2015	SP2016	SU2016	FA2016	SP2017	SU2017	FA2017	SP2018	SU2018	FA2018	SP2019	SU2019	FA2019
MAT	350	Differential Equations		80			68			52			24		
	352	Real Analysis	48				24					30			
	355	Complex Analysis		48					39				24		
	364	Numerical Analysis											9		
	366	Deterministic Models Oper Res				24						33			
	371	College Geometry		24					24				30		
	380	Probability and Statistics		102	123		78	51		93	84		87	69	
	383	System Modeling & Simulation					30								
	386	Sampling Techniques				12						6			
	387	Intro to Applied Biostat Meths					15						15		
	392	Theory of Numbers	36				27					12			
	395	Abstract Algebra				27				21					27
	399	Topics	9												
	460	Mathematical Modeling	15							39					33
	461	Stochastic Models in O.R.		12							30				
	470	Non-Euclidean Geometry					27								
	484	Design & Analysis of Exp								12					
	485	Intro to Applied Regression						21						27	
	486	Intro to Big Data Analytics									9				6
	487	Categorical Data Analysis				12									
	490	Topology				36					12				21
	492	Graph Theory and Combinatorics									21				
	497	Independent Study										3		1	
498	Topics		6						6	21					
9	Developmental Mathematics	588	195	12	441	195			552	219		327	21	15	
488	Introduction to Data Mining		18								15				
496	Introduction to Data Science											6			
MAT Total			6708	4699	1146	7232	4950	1088	7312	5183	1089	7923	5368	1009	8425
MME	400	Elementary Mathematics Methods		9			36					33		24	
	434	Secondary Math Methods	9												
	513	Lab:Proj Aspire Calculus			18			21			6			27	
	514	Lab:Proj Aspire Calculus II					6			6				9	
	515	Lab:Project Aspire			18			3			3			15	
	519	Teach Calculus in Sec Sch I			18			21			6			27	
	520	Teach Calculus in Sec Sch II						6			6			9	
	521	Teach Methods			18			3			3			15	
MME Total			9	9	72		36	60			30	33		102	24
OPR	561	Deterministic Models Oper Res				3									
	562	Stochastic Models in O.R.		15						3					
	563	System Modeling & Simulation					3								
	564	Queuing Networks	3												
	575	Graduate Internship and Writin					3								
	590	Master's Project/Thesis												6	
597	Independent Study									3					
OPR Total			3	15		3	6			3	3			6	
STA	501	Ethical Issues in Biostatistic							2						
	561	Deterministic Models Oper Res				30					18				
	562	Stochastic Models in O.R.		6						12					
	563	System Modeling & Simulation					15								
	564	Queuing Networks	12						24						
	574	Statistical Programming	24						54					42	
	575	Graduate Internship & Writing								6				1	
	580	Appl Stat/Biostatistical Meths					42						18		
	582	Longitudinal Data Analysis	42												
	583	Sample Survey Design& Analysis				36						12			
	584	Adv Design & Analysis of Exper							21						
	585	Linear Models and Forecasting						36					36		
	586	Predict Modeling with Big Data								36				33	
	587	Categorical Data Analysis				54									
588	Intro to Stat Data Mining		39								48				
591	Topics in Biostatistics		21						36						

University of Southern Maine
USMDept Course Enrollment by Subject
Course Credit Hours

by USMDept by Course Subject		Course Credit Hours PI_USMCollege Science, Technology, and Health													
Row Labels	Catalog Nbr	Course Title	FA2015	SP2016	SU2016	FA2016	SP2017	SU2017	FA2017	SP2018	SU2018	FA2018	SP2019	SU2019	FA2019
STA	596	Practical Data Science													24
	597	Independent Study					6								3
	599	Independent Study	6												
STA Total			84	66		120	99		101	90		78	81	1	75
Nursing			5922	5879	2441	6371	6395	2529	6661.5	6372	2167	6560.5	6496.5	2586	7095.5
CON	252	Human Nutrition	297	195	147	285	246	114	342	195	108	318	243	165	267
	261	Intro to Naturopathic Medicine	105												
	270	Holistic Approach Repro Health	114	90	114										
	280	Holistic Health I	150	147	75										
	281	Holistic Health II	99	153	63										
	283	Healing & Spirituality	129	114											
	284	Botanical Therapies	105												
	302	Pharmacology	150	144	225										
	321	Health-Related Research	225	339	138	267	366	144	282	330	180	351	384	213	273
	352	Nutrition for Physical Perform		69											
	356	Concepts in Community Health	315	318	138	420	327	114	438	345	96	384	336	99	366
	390	Eval & Assess of Older Adult			21										
	395	Independent Study			1										
	490	Therapeutic Touch			57										
	495	Dominican Republic / Dir Study	3						2					14	
	502	Pharmacology			36										
	521	Health-Related Research			21				18			30			30
	556	Concepts in Community Health			39				24			24			18
595	Dominican Republic / Dir Study			2											
CON Total			1692	1570	1076	972	939	416	1062	870	438	1053	977	525	906
EYE	199	Topics	87			87			54						
EYE Total			87			87			54						
NUR	100	Intro to Professional Nursing	177	210		201	189		180	222		201	192		246
	200	Intro to Professional Nursing	87	57											
		Intro to Professional Nurs-Adv				90	42		72	27		117	30	48	63
	211	Nursing Role AcceleratedOption			34				31						
		Nursing Role Accelerated Stud									35			52	
	300	Health Assessment	216	96	99	231	111	96	158	84	70	168	98	106	196
	301	Health Assessment Lab	144	64	66	154	70	64	77	41	35	80	47	53	94
	302	Pharmacology				171	126	180	207	147	165	252	168	192	219
	305	Fundamentals of Nursing			66			64							
		Fund in Nurs Lab Accelerated									66			106	
	306	Nursing Arts and Science	219	84	99	240	120	96	252	132	99	258	159	159	297
	307	Fundamentals of Nursing Lab	150	56		160	76		152	78		168	96		190
	308	Concepts of Prof Nursing Pract				30			33			21			21
	309	Health Assessment for RN's				28			30						
		Health Assessment for RNs										10			22
	310	Health Assessment Lab for RNs				28			30			10			22
	313	Intermed Nursing Skills Lab								81		69	64		106
	318	Evidence-based Practice in Nur		9				8		15			9		
	319	Qualitative Inquiry in Nursing		5				5		15			9		
	323	Adult/Older Adult Hlth Nur	174	228		204	231		210	243		216	210		333
	325	Adult/Older Adult Hlth Nur Lab	220	280		240	296		264	304		272	256		424
	326	Dom Rep Community Nur Prtnsp I	16	14		13	17		12	10		11	8		7
	327	Dom Rep Comm Nur Partnershp II			30		18	51			30		42	27	
	330	Mental Health Nursing	156	210		180	222		423	147		351	138		441
	331	Mental Health Nursing Lab	102	140		118	148		282	92		194	124		258
	332	Nursing Care Older Adult Commu	150	108	135	147	138	108	189	148	42	138	128		214
	339	Community Nurse Partnership I	42	108		38	104	10	48	126	6	58	116	4	86
	341	Community Nurse Partnership II	84	38	30	82	45	16	96	44	24	104	58	14	102
	370	Theory for Clinical Practice	15			27			21			21			42
	386	Geary Clinical Cooperative			24				26			28			38
	395	Directed Study				1									
	413	Advanced Nursing Skills Lab	26	69	21	28	66	33	30	74	31	30	77	30	34
419	Community Nurse Partnerships	2		21		20	9		24	2		16			
420	Repro & Pediatric Nursing Lab										72	66		64	

University of Southern Maine
USMDept Course Enrollment by Subject
Course Credit Hours

by USMDept by Course Subject		Course Credit Hours													
		PI_USMCollege	Science, Technology, and Health												
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NUR	421	Reproductive & Sexual Hlth Nur	207	147		192	198		219	192		219	201		195
	422	Repro & Sexual Health Nsg Lab	138	98		128	126		144	128		109.5	100.5		97.5
	423	Mgmt Crit Ill Adult/Old Adult	81	207	63	87	198	99	90	231	96	93	228	90	102
	424	Clinically-Applied Genetics	75	114		162	165	171	54	168	80	84	110	88	56
	425	Mgmt Crit Ill Adult/Old Adult	52	138	42	54	130	66	60	148	62	60	154	60	68
	427	Child Health Nursing	204	147		204	195		216	192		222	198		192
	428	Child Health Nursing Lab	136	96		132	130		144	122	6	111	99		96
	436	Comm Partnership for Acc/BS	2	36		5	54	4	1	60		2	58		3
	437	Community Nursing Partnerships			38			50			56		6	54	
	470	Leadership, Management & Ethics	78	207	63	93	201	102	87	228	96	90	231	96	96
	474	Leadership & Management for RN	27			18			12			36			30
	476	Theory Related to Clin Spec/RN			27				27			39			36
	480	Practicum/Care Management	78	207	66	93	201	102	87	228	93	90	234	96	99
	495	Directed Study									1				
	502	Pharmacology						21			21			24	
	507	Intermediate Nurs Skills Lab										12			14
	508	Health Assessment Lab			32			24			14			14	
	509	Health Assessment			48			36			28			28	
	511	Nursing Role Accelerated Option			16			12							
		Nursing Role MS Option									14			15	
	512	Nursing Arts and Science			48			36			42			42	
	513	Advanced Nursing Skills Lab		19			16			12			12		
	514	Fundamentals of Nursing Lab			32									28	
		Fundamentals in Nursing Lab						36			28			28	
	516	Child Health Nursing Lab	2	34			32			24			24		
	520	Repro & Pediatric Nursing Lab											12		
	523	Mgmt Crit Ill Adult/Old Adult		57			48			36			36		
	524	Clinically-Applied Genetics	3												
	526	Mgmt Crit Ill Adult/Older Lab		76			64			48			48		
	530	Mental Health Nursing	51			48			36			36			42
	531	Mental Health Nursing Lab	36			32			31			12	12		20
	532	Nursing Care Older Adult Commu	54			48			36			24			28
	538	Comm Nursing Partnership Opt	36			32			24			24		8	18
	541	Adult/Older Adult Hlth Nur	54			48			36			36			42
	542	Adult/Older Adult Hlth Nur Lab	72			64			48			48			56
	543	Reproductive and Sexual Health	3	54			48			36			36		
	544	Repro & Sexual Health Nsg Lab	2	36			32			24			24		
	545	Child Health Nursing	3	54			48			36			36		
	595	Dominican Republic / Dir Study												3	1
	601	Advanced Pharmacotherapeutics	27		66	75		63	36		57	45		69	39
	602	Advanced Health Assessment	72	52		108	60		96	48		68	36		96
	603	Nursing Theory & Knowledge Dev	54		63	57		75	60		45	48		45	66
	604	Nursing Research	66	51		57	51		69	48		72	24		66
	606	Leadership, Health Policy & Role		57	66		54	72		51	54		36	42	
	608	Appl Theories of Adv Interp Sk	63	24		72	24		60	27		54	27		
		Behav & Psych Health of Family													15
	624	Interprofessional					12								
	638	Education Practicum & Seminar					9			6					
	641	Adult Ger Acute Care Theory I											9		
	642	Adult Ger Acute Care Cl Pr&Sem											9		
	650	Primary Care of the Adolescent		25			25			27			22		
	651	Women's Health in Primary Care		26			25			27			21		
	652	Prim Care Manage of Well Child		23			24			26			21		
	653	Prim Care Child Episodic Ill	48			46			50			48			46
	654	Prenatal Care in Primary Care		24			23			26			21		
	658	Clinical Project	60	45		60	51		81	51		66	60	42	18
	660	Cont Adv Psychiatric/Ment Hlth						33						21	
	664	Primary Health Care of Adult I		75			78			78			75		
	665	Prim Health Care of Adult II	81			75			81			72			69
	666	Prim Health Care of Adult III		81			72			81			72		
	667	Clinical Practicum Seminar I		75			78			78			27	39	

University of Southern Maine
USMDept Course Enrollment by Subject
Course Credit Hours

by USMDept by Course Subject		Course Credit Hours														
		PI_USMCollege	Science, Technology, and Health													
Row Labels	Catalog Nbr	Course Title	FA2015	SP2016	SU2016	FA2016	SP2017	SU2017	FA2017	SP2018	SU2018	FA2018	SP2019	SU2019	FA2019	
NUR	668	Clinical Practicum &Seminar II	81			75			81			72			69	
	669	Clinical Practicum&Seminar III		81			72			81			72			
	671	Adv Practice Mental Health Nur	30			36			30			18			24	
	672	Bio&Behav Comp Mental Health	30			36			30			21			24	
	673	Clinical Practicum &Seminar II			33											
		Clinical Practicum &Seminar I					33			24				21		
	674	Psy Ment Hlth Adult/Old Adult			30		33			24				21		
	676	Psy Ment Hlth Grps/Vulner Pop			30											
	679	Clinical Practic & Seminar III			30											
	680	Advanced Psychopharmacology	57			45			39			27			27	
	682	Ortho Eval/Treat PrimCare Prof			48			36			39				21	
	685	Psy Ment Hlth Child/Adol/Fam	33			30			33					21		
	686	Clinical Practicum & Seminar I	36													
		Clinical Practicum & Sem II				30			33					21		
	687	Psy Ment Hlth Grps/Vulner Pop					30			33		21			21	
	688	Clinical Practic & Seminar III					30			33		21			21	
	690	Role Seminar			37					38				31		
	695	Directed Study	7	7	1	4	9		1.5	4		1			1	2
	699	Cont Adv Psychiatric/Ment Hlth			21											
	702	Informatics Technology								3						
	703	Professional Communication				12										
	705	Clin Residency&Capstone I													3	
	706	Clin Residency & Capstone II	24							6						
	710	DNP Seminar I				4										
	Seminar I								1							
711	DNP Seminar II					1										
	Seminar II												1			
712	Seminar III								1					1		
713	Seminar IV									1						
715	Seminar VI												1			
714	Seminar V											1				
NUR Total			4143	4309	1365	4673	4766	1843	4885.5	4782	1486	4802.5	4619.5	1800	5334.5	
HIH	201	Fundamentals of Homeopathy I											66		39	
	203	Mindfulness Based Stress Reduc								81		75	69		105	
	261	Intro to Naturopathic Medicine				96			99			96			54	
	270	Holistic Approach Repro Health				117	105	102	99	90	63	90	90	93	90	
	280	Holistic Health I				138	114	84	144	105	96	102	186	81	105	
	281	Holistic Health II				102	171	27	81	177	21	123	183	42	162	
	283	Healing & Spirituality				90	129		69	102		42	75		78	
	284	Botanical Therapies				96	102		111	99		75	105	15	96	
	288	Reiki: Energy Medicine					69		54	66	33	102	60		63	
	300	Sustainable Compassion											66		63	
	490	Therapeutic Touch						57	3		30				30	
HIH Total					639	690	270	660	720	243	705	900	261	855		
Physics			1490	1401	714	1380	1183	715	1388	1235	784	1480	1412	577	1449	
AST	100	Astronomy	297	348	123	294	369	90	300	357	96	393	369	63	354	
	103	Astronomy:Exercises & Exper	88	101	32	91	111	31	100	99	30	113	90	17	126	
AST Total			385	449	155	385	480	121	400	456	126	506	459	80	480	
PHY	101	Introduction to Physics	117	198	90	117	120	75	120	117	114	183	225	96	144	
	102	Introduction to Physics Lab	32	68	30	32	45	21	29	30	30	52	57	19	42	
	111	Elements of Physics I	340		124	312		112	272		148	256		116	208	
	112			228	80		180	84		200	108		100	48		
	114	Introductory Physics Lab I	128		38	136		44	141		45	123	26	37	110	
	116	Introductory Physics Lab II			100	37		90	46		107	35		85	29	
	121	General Physics I	368		80	332	4	104	360		88	312	124	80	296	
	123	General Physics II			232	80		204	108		268	84		252	72	
	211	Nonclassical Physics I	33			24				21						
		Modern Physics I										18			18	
	213	Nonclassical Physics II			15			12			9			9		
	221	Classical Physics I	33							18						
223	Classical Physics II			24						18						

University of Southern Maine
USMDept Course Enrollment by Subject
Course Credit Hours

by USMDept by Course Subject		Course Credit Hours													
		PI_USMCollege	Science, Technology, and Health												
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PHY	225	Classical Physics III				24									
	240	Intermediate Lab I		18						21					21
	242	Intermediate Lab II		12						6					3
	251	Principles of Electronics		24											
	261	Computational Physics	48				27				12			24	
	281	Astrophysics		33							18				
	311	Quantum Mechanics				18									
	314	Statistical & Thermal Physics											15		
	321	Classical Mechanics I												18	
	323	Classical Mechanics II													18
	331	Electrodynamics I													18
	333	Electrodynamics II											15		
	341	Quantum Mechanics												21	
	375	Optics						21						12	
	390	Independent Study													
410	Independent Study in Physics		6								6				
PHY Total			1105	952	559	995	703	594	988	779	658	974	953	497	969
Psychology			2306.5	2491.5	338	2363	2502.5	296	2428.5	2529	480.5	2521	2666.5	603	2842
PSY	100	Introduction to Psychology								711		621	561		771
	101	General Psychology I	543	792		654	540		705						
	102	General Psychology II	300	210		258	288		261	225	66	189			
	105	Statistics in Psychology	177	174											
	201	Statistics in Psychology				174	174	57	180	183	45	162	180	51	174
	205	Experimental Methodology	87	81		57	84		87	87		87	90		78
	206	Methods Lab	30	29		20	29		30	30		28	30		28
	220	Psychology of the Lifespan	141	87	63	54	54	45	84	81	54	87	171	57	102
	230	Social Psychology	87	96		87	84		87	99		87	186	66	261
	233	Abnormal Psychology										183	270	108	177
		Psychopathology	81	105	36	84	99		87	93					
	315	Psychology of Human Sexuality				255	282		231			135			144
	316	Psychology of Gender								219			138		
	323	Psy of Infancy & Childhood	42			21				129					
	326	Psych of Social & Linguist Dev		51			21					72			
	338	Theories of Personality	96	99		93	87		87	90		87	174	69	93
	350	Psychology of Learning	90	60		54	87		78	90		180	102		111
	360	Cognitive Processes	132	87		99	90		90	84	60	90	93	63	171
	361	Sensation & Perception	84	147		84	135		93	105	75	180	183	54	168
	365	Physiological Psychology	72	99		93	90		90	108	48	171	81		102
	366	Drugs Mind And Behavior					93				48				54
	368	Health Psychology	84			81			81				87	72	96
	371	History and Systems of Psych	114		48	48	75		87	78		63	93		90
	375	Psych in the Public Interest				36	21		60	51		63	81		66
	390	Psychology Institutes			186.5	18		183			84				
	399	Topics in Psychology	108	336		75	126			36			114		174
	400	Independent Research	3												
	Independent Study					3	3		3						
401	Research Apprenticeship	6	10.5		9	6			9	0.5	10	9		21	
405	Teaching Apprenticeship	24	13		9	27	3	10.5	15		22	11	6	12	
410	Internship/Field Experience	5.5	15	4.5		7.5	5		3		4	12.5	3	3	
PSY Total			2306.5	2491.5	338	2363	2502.5	296	2428.5	2529	480.5	2521	2666.5	603	2842
Rec & Leisure Studies			1379	1416.5	306	1210	1366.5	256.5	1336.5	1258.5	243	1107.5	1366.5	335.5	1000
CON	216	Emergency Response	147	114	39										
	219	Lifetime Physical Fit & Well	324	423	72										
	311	Psychosocial Intervention		69											
	313	Health in Later Years	108												
	314	Wellness Education & Counseling	84	78											
318	Adult Development and Aging	51													
CON Total			714	684	111										
ESP	223	Nature Based Tourism	30												
ESP Total			30												
REC	110	Found of Rec & Leisure Studies	72		39	69	78	48	75	69	36	78	90		105

University of Southern Maine
USMDept Course Enrollment by Subject
Course Credit Hours

by USMDept by Course Subject		Course Credit Hours														
		PI_USMCollege	Science, Technology, and Health													
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REC	121	Intro to Therap Rec Services		33			27			33	33		24		18	
	190	Yoga and Nutrition											129	75	57	
	216	Emergency Response				96	93	15	66	84	21	87	117	42	81	
	218	Emerg Med Resp w/Wilderness	15	48		18	18		21	30		21				
	219	Lifetime Physical Fit & Well			24	306	279	57	234	360	57	207	348	69	213	
	223	Nature Based Tourism	42			12	24		30	6			33		6	
	224	Inclusive & Special Recreation				48			42			18				
	226	Lifetime Leisure Activities											42			
	231	Expressive Arts Programming					42									
		Arts and Crafts Programming													15	
	232	Methods in TR Program Design													27	
	233	Outdoor Recreation	45			42			36			51			30	
	241	Recreation Leadership	33			36			63			27	36		24	
	253	Implic of Disabling Cond Tr													39	
	285	Perspec on Animal Asst Therapy						63		48	66		75	60	48	
	311	Psychosocial Intervention						51			45			48		
	314	Wellness Education & Counseling				72	69							15		
	324	Inclusive & Special Recreation													24	
	332	Methods in TR Program Design								27	9		15			
	353	Implic of Disabling Cond Tr	21			30	18		24				24			
	367	Adventure Based Counseling		48			27									
	382	Assess & Document in Ther Rec	12		15	12			33				12		15	
	383	Facilitation Techniq Ther Rec		21			18			18			24			
	386	Rec Facility Design & Mainten		27					12							
	398	Independent Study	3		12	3	3		3		9		3			
	399	Topics in Rec and Leisure Stud		21	3											
	494	Prof Found of TR Practice		33			36			30			12			
	495	Internship	72	24	24	48	36	48	60	24	36	42	30	1	36	
	497	Management & Professional Dev		6			3		3	6		24	6			
	498	Management&Prof Dev in TR		33			21		12	15			12			
REC Total			315	294	117	792	906	168	822	795	159	705	1005	187	738	
RHF	106	Ballroom Dance		19.5			21			7.5			18			
	109	Beginning Weight Training	28.5	30		27	31.5		27	27		33		21		
	118	Yoga	129	133.5	57	135	129	55.5	142.5	129	48	100.5	162	55.5	88.5	
	121	Self Defense	24	36		22.5	37.5		19.5	31.5		19.5	37.5		18	
	122	Aerobic Kickboxing	22.5	27					24	28.5		18	37.5		10.5	
	123	Intro to Sea Kayaking	12			22.5			30			33			27	
	124	T'Ai Chi	15	31.5												
		T'ai Chi Qigong				15			15	16.5		10.5	15			
	126	Stability & PhysioBall Exercis					25.5		16.5	25.5		18			13.5	
	199	Topics											10.5		16.5	
	RHF Total			231	277.5	57	222	244.5	55.5	274.5	265.5	48	232.5	280.5	55.5	195
	STH	101	STEM Learning Seminar	0	0		0	0								
111		Life Science & Ecology for K-8	32			52			96							
112				68			72			100						
199		Learning Assistant Seminar							13	5						
200		Learning Assistants Seminar									1	11				
300		Partnering w Family Caregivers	51													
315		Rehab Services for Older Adult		72												
440	Sci, Tech & Health Internship	6	21	21	9	24	15	11	18	14	15	9	60	3		
STH Total			89	161	21	61	96	15	120	123	15	26	9	60	3	
TAH	218	Emerg Med Resp w/Wilderness					6									
	250	Nature Based & Adventure Tour				9	30									
	256	Emergency Response					9									
TAH Total						9	45									
GRN	300	Partnering w Family Caregivers				30			33							
		Aging and the Family									63		15			
	313	Health in Later Years				63			54		60				57	
	315	Rehab Services for Older Adult					75			75			72			
	318	Adult Development and Aging				33			33		21					
	390	Eval & Assess of Older Adult						18			21			18		

University of Southern Maine
USMDept Course Enrollment by Subject
Course Credit Hours

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GRN Total						126	75	18	120	75	21	144	72	33	57
POP	101	Pop-up Courses:Ideas in Action													7
POP Total															7
Technology			1314	1155	138	1074	1299	75	1081	1218	66	1257	1209	117	1461
COS	200	Introduction to Cyber Security		12			21								
COS Total				12			21								
EGN	210	Technical Writing		27		45	42								
EGN Total				27		45	42								
ITC	100	Intro Construction Management	30			27									
	341	Construction Docs & Specificat	21			15			9						
	351	Construction Cost Estimating	24			18									
	432	Construction Proj Management					24			12					
	442	Construction Jobsite Managemnt					18			21					
ITC Total			75			60	42		9	33					
ITP	210	Technical Writing	99	120	48	126	84	33	123	144	21	153	234	48	153
	230	Project Management	90	96	87	72	114		75	108	45	75	75	42	204
	250	Management Information Systems	78			75			78			69	39		138
	280	Indust Organ Mgmt& Supervision	75	66											
		Managing Org in a Tech Environ					69		36	72			51		
	310	Facility Planning		48		45	27			69			39		
	330	Production Control	36			48									
		Supply Chain Management							48			39			48
	331	Agile/Adaptive Proj Management										42			
	340	Fundamentals of Quality	69			72	42								
		Quality Management							54			54			33
	350	Teambuilding and Facilitation		78											
		Leadership, Teambuilding & Fac					90	42		93		75		27	69
	381	Human Resource Development	69				51		57			66			42
	410	Tech Operations & Strategies	54	69			54			36			54		
	490	Cost Analysis & Control	33	75			66			54			42		
ITP Total			603	552	135	438	597	75	471	576	66	573	534	117	687
ITS	320	Occupational Safety & Health	75	69		63	60		39						
		Workplace Safety & Health Mang								48			30		
ITS Total			75	69		63	60		39	48			30		
ITT	181	Comp Applications & Concepts	60	54		63	51		69	69		69	69		
		Computing Technologies													66
	184	Python Programming							28				84		60
	200	Introduction to Cyber Security		33		27	36		48	78		75	75		57
	221	Power & Energy Processing	57			30			18						
	231	Technical Visualization		39			30						51		
	241	Info & Communications Technol	57			51			48						
		Info & Communication Technol										63			51
	270	Intro to Computer Hardware	42						63						69
	272	Intro to Computer Networking	42			42			51			84			
		Networking I													69
	281	Internet Web Site Development	66	33		33	60		39			54			54
	282	Computer-Aided Design	21			36						45			
	311	Telecommunications	57			48									
		Infrastructure Comm Systems							57			60			66
	323	Fluid Power		45			18			12					
	343	Graphic Communication Tech		30			30						54		
	344	Digital Video & Animation Tech	48												
	362	Operating Systems Security										69			
	363	Server Admin & Maintenance										51			45
	373	Intermed Computer Networking				60				72			69		
	376	Network Security and Ethics					63			60			72		
		Network Defense													48
	377	Networking for Video&Multimed					24								
	382	Advanced Web Site Development		45			36			57					
	383	Databases							51						63
	385	Integrative Programming		69			48			69			69		

University of Southern Maine
USMDept Course Enrollment by Subject
Course Credit Hours

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ITT	413	Ethical Hacking													60
	425	Appl Process Control Engineer	33			33			24						
	427	Applied Automation Engineering		36			15			33					
	444	Digital Imaging Technologies	42												
	460	Capstone	33	72	3	45	54		54	57		51	48		33
	486	User Experience		36			45					63			30
	487	Operations Senior Seminar					24			51			54		
	490	Directed Study	3	3			3		12	3					3
ITT Total			561	495	3	468	537		562	561		684	645		774
Grand Total			30690.5	28117.5	7320.5	31256.5	28699	6645	33044	29967	6713	34687.5	31329.5	7240.5	36231