Faculty of Science & Horticulture APSC 1120 Intro to Engineering 3 credits MATH 1111 (discontinued) † 1,5 credits APSC 1151 Intro to Engineering Graphics 3 credits MATH 1111 (discontinued) † 3 credits ASTR 1100 Introduction to Astronomy 4 credits MATH 11115 Statistics I 3 credits ASTR 2101 Astrophysics I: Stellar Astrophysics I: Stellar Astrophysics I: Stellar Astrophysics I: Galactic Astronomy 3 credits MATH 1110 Oliferential Calculus 3 credits ASTR 3110 Exploring the Universe I: The Solar System 3 credits MATH 1140 Calculus IC (Business Applications credits 3 credits ASTR 3110 Exploring the Universe II: Stars and Galaxius 3 credits MATH 1190 Matrix Algebra for Engineers 3 credits BIOL 1110 Introductory Biology I 4 credits MATH 1190 Math for Elementary School 4 credits 4 credits BIOL 1210 Introductory Biology II 4 credits MATH 1220 Integral Calculus II (Business Applications credits 3 credits BIOL 2320 Genetics 4 credits MATH 2323 Linear Algebra for Appli	•	itative Cou	rses	HORT 1104	Soils, Soil Amendments and Soilless Media: An Introduction	3 credits
APSC 1151 Intro to Engineering Graphics	Faculty of Scie	nce & Horticulture		MATH 1111	(discontinued) †	1.5 credits
ASTR 2101 Introduction to Astronomy 4 credits	APSC 1120	Intro to Engineering	3 credits	MATH 1112	Pre-Calculus Algebra †	3 credits
ASTR 2101 Astrophysics I: Stellar Astrophysics I: Galactic Astronomy Astrophysics I: Galactic Astronomy Astrophysics I: Galactic Astronomy ATH 1110 Differential Calculus or Life Sciences I 3 credits Astronomy ATH 1110 Calculus I (Business 3 credits Applications credits The Solar System ATH 1110 Calculus I (Business 3 credits Applications credits The Solar sand Galaxies Stars and Galaxies MATH 1110 Math for Elementary School 4 credits Engineers MATH 1110 Math for Elementary School 4 credits Engineers MATH 1110 Math for Elementary School 4 credits Engineers MATH 1110 Math for Elementary School 4 credits MATH 1120 Introductory Biology I 4 credits MATH 1120 Calculus II (Business 3 credits BIOL 1210 Introductory Biology II 4 credits MATH 1220 Integral Calculus 3 credits Applications credits MATH 1220 Calculus II (Business 3 credits Applications credits MATH 1220 Calculus II (Business 3 credits Applications credits MATH 1220 Calculus II (Business 3 credits Applications credits MATH 1220 Calculus III (Business 3 credits Applications credits MATH 1220 Calculus III (Business 3 credits Applications credits MATH 2232 Linear Algebra for Engineering 3 credits Diology I 4 credits MATH 2232 Linear Algebra for Engineering 3 credits Linear Algebra for Engineering Chemistry 4 credits MATH 2231 Linear Algebra for Engineering Chemistry Chemistry 4 credits MATH 2315 Probability and Statistics 3 credits Chemistry Introductory Chemistry 4 credits MATH 2315 Probability and Statistics 3 credits Chemistry Dynamics MATH 2321 Multivariate Calculus III (Calculus III) MATH 2331 Introduction to Analysis 3 credits Chemistry Physical Chemistry 4 credits MATH 2340 (discontinued) 3 credits Chemistry Physical Chemistry I 4 credits MATH 2340 (discontinued) 4 credits Business Sciences MATH 2341 (discontinued) 4 credits Chemistry Physical-Inorganic 5 credits MATH 2342 (discontinued) 3 credits Chemistry Physi	APSC 1151		3 credits	MATH 1113	(discontinued) †	3 credits
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ENVI 2310 Solid Waste Management 3 credits	ENVI 1216		5 credits	MATH 3450	•	3 credits
S Comment of the comm	ENVI 2310		3 credits	MATH 4150	Number Theory	3 credits
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MATH 4250	Special Topics in Mathematics	3 credits	CISY 2315	Data Structure Methods of Research in	3 credits
MATH 4350	Senior Project	3 credits	CRIM 1208	Criminology	3 credits
PHYS 1100	Introductory Physics	4 credits	CRIM 2103	Quantitative Data Analysis I	3 credits
PHYS 1101	Physics for Life Sciences I	4 credits	CRIM 3103	Quantitative Data Analysis	3 credits
PHYS 1102	Physics for Life Sciences II	4 credits			
PHYS 1112	Reel Physics	3 credits	ECON 1150	Microeconomics (effective January 2010)	3 credits
PHYS 1120	Physics for Physical and Applied Sciences I	4 credits	ECON 1250	Macroeconomics (effective January 2010)	3 credits
PHYS 1170	Mechanics I	3 credits	ECON 2210	Money and Banking	3 credits
PHYS 1220	Physics for Physical and Applied Sciences II	4 credits	ECON 2350	Intermediate Microeconomics	3 credits
PHYS 2101	Experimental Physics I	2.5 credits	ECON 2450	(discontinued)	3 credits
PHYS 2201	Experimental Physics II	2.5 credits	ECON 3450	Intermediate	3 credits
PHYS 2330	Intermediate Mechanics	3 credits		Macroeconomics	
PHYS 2335	Modern Laboratory Practice	3.5 credits	GEOG 1110	Introduction to the Atmosphere	3 credits
PHYS 2420	Intermediate Electricity and Magnetism	3 credits	GEOG 1120	Introduction to Earth Science	3 credits
PHYS 2421	Laboratory in Electric Circuits	2 credits	GEOG 2310	Climatology	3 credits
PHYS 2424	Relativity and Quanta	3 credits	GEOG 2320	Geomorphology	3 credits
PHYS 3202	Biophysics	3 credits	GEOG 2330	Introduction to Hydrology	3 credits
† Credit will not be given for both MATH 1112 and the combination of MATH 1111/1113.					
† Credit will not be	e given for both MATH 1112 a		GEOG 2390	Geographic Information and Data Analysis	3 credits
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† Credit will not be combination of MA Other Faculties ACCT 1230 ANTH 1125 ANTH 1200 ANTH 1211 ANTH 1217	e given for both MATH 1112 a ATH 1111/1113. Business Statistics (discontinued) Biological Anthropology (discontinued) Forensic Anthropology Introduction to Computer	3 credits 3 credits 3 credits 3 credits 3 credits 3 credits	GEOG 2390 GEOG 2395 GEOG 2400 GEOL 1210 LBED 3130 LBED 3131 NURS 4120 PHIL 1150	Geographic Information and Data Analysis Cartographic Techniques Introduction to GIS Our Changing Earth Critical Thinking, Logic and Scientific Reasoning Deduction and Induction Qualitative and Quantitative Analysis Introduction to Formal Logic	3 credits 3 credits 4 credits 3 credits 3 credits 3 credits 3 credits
† Credit will not be combination of MacOther Faculties ACCT 1230 ANTH 1125 ANTH 1200 ANTH 1211 ANTH 1217 CPSC 1103	e given for both MATH 1112 at ATH 1111/1113. Business Statistics (discontinued) Biological Anthropology (discontinued) Forensic Anthropology Introduction to Computer Programming I Introduction to Computer	3 credits	GEOG 2390 GEOG 2395 GEOG 2400 GEOL 1210 LBED 3130 LBED 3131 NURS 4120	Geographic Information and Data Analysis Cartographic Techniques Introduction to GIS Our Changing Earth Critical Thinking, Logic and Scientific Reasoning Deduction and Induction Qualitative and Quantitative Analysis Introduction to Formal	3 credits 3 credits 4 credits 3 credits 3 credits 3 credits
† Credit will not be combination of MA Other Faculties ACCT 1230 ANTH 1125 ANTH 1200 ANTH 1211 ANTH 1217 CPSC 1103 CPSC 1204	e given for both MATH 1112 at ATH 1111/1113. Business Statistics (discontinued) Biological Anthropology (discontinued) Forensic Anthropology Introduction to Computer Programming I Introduction to Computer Programming II Fundamental Concepts of	3 credits	GEOG 2390 GEOG 2395 GEOG 2400 GEOL 1210 LBED 3130 LBED 3131 NURS 4120 PHIL 1150	Geographic Information and Data Analysis Cartographic Techniques Introduction to GIS Our Changing Earth Critical Thinking, Logic and Scientific Reasoning Deduction and Induction Qualitative and Quantitative Analysis Introduction to Formal Logic Introduction to Scientific Reasoning (discontinued)	3 credits 3 credits 4 credits 3 credits 3 credits 3 credits 3 credits
† Credit will not be combination of Market Faculties ACCT 1230 ANTH 1125 ANTH 1200 ANTH 1211 ANTH 1217 CPSC 1103 CPSC 1204 CPSC 1205	Business Statistics (discontinued) Biological Anthropology (discontinued) Forensic Anthropology Introduction to Computer Programming I Introduction to Computer Programming II Fundamental Concepts of Computing	3 credits	GEOG 2390 GEOG 2395 GEOG 2400 GEOL 1210 LBED 3130 LBED 3131 NURS 4120 PHIL 1150 PHIL 1155	Geographic Information and Data Analysis Cartographic Techniques Introduction to GIS Our Changing Earth Critical Thinking, Logic and Scientific Reasoning Deduction and Induction Qualitative and Quantitative Analysis Introduction to Formal Logic Introduction to Scientific Reasoning	3 credits 3 credits 4 credits 3 credits 3 credits 3 credits 3 credits 3 credits
† Credit will not be combination of Market Faculties ACCT 1230 ANTH 1125 ANTH 1200 ANTH 1211 ANTH 1217 CPSC 1103 CPSC 1204 CPSC 1205	Business Statistics (discontinued) Biological Anthropology (discontinued) Forensic Anthropology Introduction to Computer Programming I Introduction to Computer Programming II Fundamental Concepts of Computing Data Structures and Program Organization Introduction to Discrete	3 credits	GEOG 2390 GEOG 2395 GEOG 2400 GEOL 1210 LBED 3130 LBED 3131 NURS 4120 PHIL 1150 PHIL 1155 PHIL 1250 PHIL 3150 PSYC 2300	Geographic Information and Data Analysis Cartographic Techniques Introduction to GIS Our Changing Earth Critical Thinking, Logic and Scientific Reasoning Deduction and Induction Qualitative and Quantitative Analysis Introduction to Formal Logic Introduction to Scientific Reasoning (discontinued)	3 credits 3 credits 4 credits 3 credits 3 credits 3 credits 3 credits 3 credits 3 credits
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