Curriculum Structure (Geoscience Specialisation) by semester:

Year	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	TOTAL AU
Year 1 Semester 1	ES1001 Natural Hazards, Climate Change, and Society (MC)	3	ES1002 Natural Hazards Laboratory (MC)	1	MH1800 Calculus for the Sciences I (MC)	3	CM1021 Basic Inorganic Chemistry (MC)	4	GER Prescribed Elective (GERPE1)	3	14
Year 1 Semester 2	ES1003 Earth System Science and Global Change (MC)	4	MH1801 Calculus for the Sciences II (MC)	3	CM1041 Basic Physical Chemistry (MC)	4	HW0203 Research Writing in the Physical and Mathematical Sciences (GERC1)	3			14
Special Term	ES1004 Introductory Field Experience (MC)	4									4
Year 2 Semester 1	ES2001 Computational Earth Systems Science (MC)	4	ES2002 Earth Materials (MC)	4	PH1101 Mechanics and Relativity (MC)	4	HW0303 Mastering Communication (GERC2)	3			15
Year 2 Semester 2	ES2003 Fluids of the Earth	4	ES2004 Layers and Landforms (MC)	4	PH1102 Fields and Oscillations (MC)	4	GER Unrestricted Elective (GERUE1)	3			15
Year 3 Semester 1	ES3002 Structural Geology and Tectonics (MC)	4	ES3003 Introduction to Geochemistry	4	GER Prescribed Elective (GERPE2)	3	GER Unrestricted Elective (GERUE2)	3			14
Year 3 Semester 2	ES3004 Introduction to Geophysics	4	Elective 1 (MPE)	4	ES3001 Futures in Earth and Environmental Science (MC)	1	GER Prescribed Elective (GERPE3)	3	GER Unrestricted Elective (GERUE3)	3	15
Special Term	ES3005 Advanced Field Course (MC)	10									10
Year 4 Semester 1	Elective 2 (MPE)	4	ES4001 Interdisciplinary Approaches in Earth System Science	2	GER Unrestricted Elective (GERUE4)	3	GER Unrestricted Elective (GERUE5)	3	GER Prescribed Elective (GERPE4)	3	15
Year 4 Semester 2	Elective 3 (MPE)	4	GER Prescribed Elective (GERPE5)	3	TBD Environmental Sustainibility (GERC4)	3	PS8001 Defense Science (GERC3)	3	GER Unrestricted Elective (GERUE6)	3	16
									Total AUs		**132**

Curriculum Structure (Geoscience Specialisation with Final Year Project/Industrial Attachment) by semester:

Year	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	TOTAL AU
Year 1 Semester 1	ES1001 Natural Hazards, Climate Change, and Society (MC)	3	ES1002 Natural Hazards Laboratory (MC)	1	MH1800 Calculus for the Sciences I (MC)	3	CM1021 Basic Inorganic Chemistry (MC)	4	GER Prescribed Elective (GERPE1)	3	14
Year 1 Semester 2	ES1003 Earth System Science and Global Change (MC)	4	MH1801 Calculus for the Sciences II (MC)	3	CM1041 Basic Physical Chemistry (MC)	4	HW0203 Research Writing in the Physical and Mathematical Sciences (GERC1)	3			14
Special Term	ES1004 Introductory Field Experience (MC)	4									4
Year 2 Semester 1	ES2001 Computational Earth Systems Science (MC)	4	ES2002 Earth Materials (MC)	4	PH1101 Mechanics and Relativity (MC)	4	HW0303 Mastering Communication (GERC2)	3			15
Year 2 Semester 2	ES2003 Fluids of the Earth	4	ES2004 Layers and Landforms (MC)	4	PH1102 Fields and Oscillations (MC)	4	GER Unrestricted Elective (GERUE1)	3			15
Year 3 Semester 1	ES3002 Structural Geology and Tectonics (MC)	4	ES3003 Introduction to Geochemistry	4	GER Prescribed Elective (GERPE2)	3	GER Unrestricted Elective (GERUE2)	3			14
Year 3 Semester 2	ES3004 Introduction to Geophysics	4	Elective 1 (MPE)	2	ES3001 Futures in Earth and Environmental Science (MC)	1	GER Prescribed Elective (GERPE3)	3	GER Unrestricted Elective (GERUE3)	3	13
Special Term	ES3005 Advanced Field Course (MC)	10									10
Year 4 Semester 1	Final Year Project/Industrial Attachment (MPE)		ES4001 Interdisciplinary Approaches in Earth System Science	2	GER Unrestricted Elective (GERUE4)	3	GER Unrestricted Elective (GERUE5)	3	GER Prescribed Elective (GERPE4)	3	11
Year 4 Semester 2	Final Year Project/Industrial Attachment (MPE)	10	GER Prescribed Elective (GERPE5)	3	TBD Environmental Sustainibility (GERC4)	3	PS8001 Defense Science (GERC3)	3	GER Unrestricted Elective (GERUE6)	3	22
									Total AUs		**132**

Curriculum Structure (Earth System and Society Specialisation) by semester:

Year	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	TOTAL AU
Year 1 Semester 1	ES1001 Natural Hazards, Climate Change, and Society (MC)	3	ES1002 Natural Hazards Laboratory (MC)	1	MH1800 Calculus for the Sciences I (MC)	3	CM1021 Basic Inorganic Chemistry (MC)	4	GER Prescribed Elective (GERPE1)	3	14
Year 1 Semester 2	ES1003 Earth System Science and Global Change (MC)	4	MH1801 Calculus for the Sciences II (MC)	3	CM1041 Basic Physical Chemistry (MC)	4	HW0203 Research Writing in the Physical and Mathematical Sciences (GERC1)	3			14
Special Term	ES1004 Introductory Field Experience (MC)	4									4
Year 2 Semester 1	ES2001 Computational Earth Systems Science (MC)	4	ES2002 Earth Materials (MC)	4	PH1101 Mechanics and Relativity (MC)	4	HW0303 Mastering Communication (GERC2)	3			15
Year 2 Semester 2	ES2003 Fluids of the Earth	4	ES2005 Human Impacts on the Earth (MC)	4	HU9001 Introduction to Environment and Urban Studies (MC)	3	PH1102 Fields and Oscillations (MC)	4	GER Unrestricted Elective (GERUE1)	3	18
Year 3 Semester 1	ES3006 Introduction to Environmental Geochemistry (MC)	4	ES3007 The Climate System	4	HE3005 Environmental Economics (MC)	4	GER Prescribed Elective (GERPE2)	3	GER Unrestricted Elective (GERUE2)	3	18
Year 3 Semester 2	HE3010 Energy Economics (MC)	4	Elective 1 (MPE)	4	ES3001 Futures in Earth and Environmental Science (MC)	1	GER Prescribed Elective (GERPE3)	3	GER Unrestricted Elective (GERUE3)	3	15
Year 4 Semester 1	Elective 2 (MPE)	4	ES4001 Interdisciplinary Approaches in Earth System Science	2	GER Unrestricted Elective (GERUE4)	3	GER Unrestricted Elective (GERUE5)	3	GER Prescribed Elective (GERPE4)	3	18
Year 4 Semester 1	Elective 3 (MPE)	3									
Year 4 Semester 2	Elective 3 (MPE)	4	GER Prescribed Elective (GERPE5)	3	TBD Environmental Sustainibility (GERC4)	3	PS8001 Defense Science (GERC3)	3	GER Unrestricted Elective (GERUE6)	3	16
									Total AUs		**132**

Curriculum Structure (Earth Systems and Society with Final Year Project/Industrial Attachment) by semester:

Year	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	TOTAL AU
Year 1 Semester 1	ES1001 Natural Hazards, Climate Change, and Society (MC)	3	ES1002 Natural Hazards Laboratory (MC)	1	MH1800 Calculus for the Sciences I (MC)	3	CM1021 Basic Inorganic Chemistry (MC)	4	GER Prescribed Elective (GERPE1)	3	14
Year 1 Semester 2	ES1003 Earth System Science and Global Change (MC)	4	MH1801 Calculus for the Sciences II (MC)	3	CM1041 Basic Physical Chemistry (MC)	4	HW0203 Research Writing in the Physical and Mathematical Sciences (GERC1)	3			14
Special Term	ES1004 Introductory Field Experience (MC)	4									4
Year 2 Semester 1	ES2001 Computational Earth Systems Science (MC)	4	ES2002 Earth Materials (MC)	4	PH1101 Mechanics and Relativity (MC)	4	HW0303 Mastering Communication (GERC2)	3			15
Year 2 Semester 2	ES2003 Fluids of the Earth	4	ES2005 Human Impacts on the Earth (MC)	4	HU9001 Introduction to Environment and Urban Studies (MC)	3	PH1102 Fields and Oscillations (MC)	4	GER Unrestricted Elective (GERUE1)	3	18
Year 3 Semester 1	ES3006 Introduction to Environmental Geochemistry (MC)	4	ES3007 The Climate System	4	HE3005 Environmental Economics (MC)	4	GER Prescribed Elective (GERPE2)	3	GER Unrestricted Elective (GERUE2)	3	18
Year 3 Semester 2	HE3010 Energy Economics (MC)	4	Elective 1 (MPE)	4	ES3001 Futures in Earth and Environmental Science (MC)	1	GER Prescribed Elective (GERPE3)	3	GER Unrestricted Elective (GERUE3)	3	15
Year 4 Semester 1	Final Year Project/Industrial Attachment (MPE)		ES4001 Interdisciplinary Approaches in Earth System Science	2	GER Unrestricted Elective (GERUE4)	3	GER Unrestricted Elective (GERUE5)	3	GER Prescribed Elective (GERPE4)	3	12
Year 4 Semester 1	Elective 3 (MPE)	1									
Year 4 Semester 2	Final Year Project/Industrial Attachment (MPE)	10	GER Prescribed Elective (GERPE5)	3	TBD Environmental Sustainibility (GERC4)	3	PS8001 Defense Science (GERC3)	3	GER Unrestricted Elective (GERUE6)	3	22
									Total AUs		**132**