

Application Form for Certificate of Completion of Accredited Pathway (2014 Graduates)

PROGRAMME STRUCTURE

BSc (Major in Earth Sciences) GSL Accredited Pathway 1.3.11 AM revision 8 (15.7.14)

Table 1 Year 1, compulsory

<i>Code</i>	<i>Name</i>	<i>Credits</i>	<i>Semester course passed</i>	<i>Signed by student</i>	<i>Signed for DES</i>
EASC0105	Earth Through Time	6			
EASC0116	Introduction to Physical Geology	6			
EASC0118	Blue Planet	6			
ECEN1801*	Academic English for Science Students	3			
CSC10001	Practical Chinese Language Course for Science Students	3			

Table 2 Year 1, compulsory, 1 from Block A Faculty Electives, Quantitative Reasoning

<i>Code</i>	<i>Name</i>	<i>Credits</i>	<i>Semester course passed</i>	<i>Signed by student</i>	<i>Signed for DES</i>
MATH0201	Basic calculus	6			
MATH1001	Fundamental concepts of mathematics	6			
MATH1111	Linear algebra	6			
MATH1804	University mathematics A	6			
STAT0301	Elementary statistical methods	6			
STAT1301	Probability and statistics I	6			
STAT1306	Introductory statistics	6			

Table 3 Year 1, compulsory, 1 from Block B Faculty Electives, Physical World

<i>Code</i>	<i>Name</i>	<i>Credits</i>	<i>Semester course passed</i>	<i>Signed by student</i>	<i>Signed for DES</i>
	Choice of 13 modules in physics and chemistry:	6			

Table 4 Year1 , compulsory, 1 from Block C Faculty Electives, Life & Living

<i>Code</i>	<i>Name</i>	<i>Credits</i>	<i>Semester course passed</i>	<i>Signed by student</i>	<i>Signed for DES</i>
	Choice of 13 modules in biosciences and ecology:	6			

Table 5 Year 1, compulsory, 1 of

<i>Code</i>	<i>Name</i>	<i>Credits</i>	<i>Semester course passed</i>	<i>Signed by student</i>	<i>Signed for DES</i>
	Broadening modules from Humanities & Social Science Studies:*	6			

Table 6 Year 1, compulsory, 1 of (as revised 26.7.11)

<i>Code</i>	<i>Name</i>	<i>Credits</i>	<i>Semester course passed</i>	<i>Signed by student</i>	<i>Signed for DES</i>
CCGL9016	Feeding the World	6			
CCST90XX	Any 6-credit CCST course:	6			

Table 7 Year 1, optional, 9 credits from any 3-credit course in Biology (BIOL), Chemistry (CHEM), Earth Sciences(EASC), Mathematics (MATH), Physics (PHYS) or Statistics (STAT)

<i>Code</i>	<i>Name</i>	<i>Credits</i>	<i>Semester course passed</i>	<i>Signed by student</i>	<i>Signed for DES</i>

Total credits

60			
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Name _____ HKU Student Number _____

Signature _____ Date _____

Table 8 Year 2 or 3, compulsory

Code	Name	Credits	Semester course passed	Signed by student	Signed for DES
EASC2108	Structural Geology	6			
EASC2109	Igneous and Metamorphic Petrology	6			
EASC2113	Sedimentology	6			
EASC2124	Geological Maps and Air Photographs	6			
EASC2125	Global Tectonics	6			
EASC2126	Mineralogy and Geochemistry	6			
EASC2301	Field Camp	6			

Table 9 Year 3, compulsory

Code	Name	Credits	Semester course passed	Signed by student	Signed for DES
EASC3308	Earth Sciences Project#	12			

2.70 GPA prerequisite applies but may be relaxed by supervisor

Table 10 Years 2 or 3, compulsory, 5 from

Code	Name	Credits	Semester course passed	Signed by student	Signed for DES
EASC1123	Planetary Geology	6			
EASC2004	Geophysics	6			
EASC2112	Earth Systems	6			
EASC2131	A Cool World: Ice Ages and Climate Change	6			
EASC2307	Directed Studies in Earth Sciences	6			
EASC3134	Regional Geology	6			
EASC4403	Biogeochemical Cycles	6			
ENVS2013	Environmental Oceanography	6			

Table 11 Years 2 or 3, compulsory, 3 from

Code	Name	Credits	Semester course passed	Signed by student	Signed for DES
EASC3202	Soil & Rock Mechanics	6			
EASC2201	Hydrogeology	6			
EASC3203	Engineering Geology	6			
EASC3133	Applied Geochemistry	6			
EASC3132	Earth Resources	6			
EASC2130	Earth Observation & Remote Sensing	6			

Table 12

If neither EASC3203 nor EASC2130 is chosen a 3-credit course in GIS is required.

If EASC3132 is not chosen an additional 5 days of field study is required. This could be part of the Earth Sciences Project, a geological field camp organised by the department, GEOS8021 (Geological Fieldwork II), in the form of a directed study, or a field programme organised by the University or a professional organisation. Prior approval to use an alternative activity to EASC3132 to fulfil the additional field study requirement must be obtained in writing from the Major Coordinator, MSc Applied Geosciences Director or Head of Department.

Table 13 Years 2 or 3, compulsory, 3 from Years 2 or 3 EASC lists above or the following

Code	Name	Credits	Semester course passed	Signed by student	Signed for DES
EASC2005	Meteorology	6			
EASC2127	Global Change: Anthropogenic Impact	6			
EASC3411	Solid Earth, Ocean, Atmosphere interaction	6			
EASC3988	Earth Sciences Internship	6			

Total credits

120			
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*These are the requirements for students graduating in 2013. For graduates in and after 2014 course CAES1801 and a Common Core course in GL, CH or HU areas of inquiry will be acceptable alternatives.

Revision 1 (26.7.11): amend Year 1, compulsory, 1 of CC courses

Revision 2 (11.8.11): add Table numbers

Revision 3 (26.6.12): add missing table under Table 7

Revision 4 (8.8.12): add note *

Revision 5 (16.9.13): EASC3302 and EASC2129 in Tables 11 & 13 replaced by EASC4403 & EASC3411 respectively.

Revision 6 (10.12.13): EASC2112 in Table 10 replaced by ENVS2013.

Revision 7 (14.1.14): add note # and EASC2112 reinstated in Table 10

Revision 8 (15.7.14): add email address

Name _____ HKU Student Number _____

Signature _____ Date _____

Personal post-graduation email address for correspondence _____