

## School of Geography & Geosciences

Including: Earth and Environmental Sciences, Geography, Sustainable Development

### Entry to Honours

#### (Earth and Environmental Sciences)

Students who attain an average of grade 11.0 or above at the first sitting of the requisite 2000-level modules and who meet all other programme requirements will be given automatic offers of entry into Honours programmes\*.

\*Apart from students on Integrated Masters degrees.

#### (Geography and Sustainable Development)

Students who attain grades of 11.0 or above at the first sitting of the requisite 2000-level modules and who meet all other programme requirements will be given automatic offers of entry into Honours programmes.

Students permitted automatic entry to Honours will only be permitted to trail one module to a maximum of 30 sub-honours credits into Honours.

This School also allows 'Qualified Entry to Honours' as defined in: **Entry to Honours**

### BSc / MA Honours

The general requirements are 480 credits over a period of normally four years (and not more than five years) or part-time equivalent, of which the final two years form an approved Honours programme of 240 credits, of which at least 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

### BSc / MA Honours with Integrated Year Abroad

The general requirements are 540 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years are an approved Honours programme of 300 credits, of which 60 credits are gained during the integrated year abroad, at least 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

### MGeol Honours

The general requirements are 600 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years form an approved Honours programme of 360 credits, comprising 120 credits at 5000 level and at least 210 credits are at 3000 and 4000 levels.

**Study Abroad:** In the case of students who spend part of the Honours programme on a recognised Study Abroad scheme, the Programme Requirements will be amended to take into account overseas courses which are approved by the relevant St Andrews School in the Learning Agreement.

(see <http://www.st-andrews.ac.uk/studyabroad/outgoingstudents/AcademicInformation/>).

### Earth Sciences – Integrated Masters MGeol

<b>First Year:</b>	40 credits: ES1001 and ES1002
<b>Second Year:</b>	90 credits: ES2001 and ES2002 and ES2003 - with passes at an average grade of 15 or better <i>Exemption from either ES2002 or ES2003 may be considered on a case-by-case basis.</i>
<b>Third Year:</b>	120 credits: ES3001 and ES3002 and ES3003 and ES3004 and ES3007 and ES3008 and ES3009 and ES3012
<b>Fourth Year:</b>	15 credits: ES4001 or ES4008; 60 credits: ES3011 and ES4002 and EG3020 and ES5050 30 credits: ES4011 or ES4012; 15 further credits from: ES4007, ES5013, ID4001
<b>Fifth Year:</b>	60 credits: ES5003; 60 further credits from: ES5001, ES5005, ES5006, ES5009, ES5010, ES5011, ES5013.

## Geography & Geosciences - Programme Requirements - 2016/7 - August 2016

### Earth Sciences – Integrated Masters MGeol

**Direct entry to second year** for approved candidates with 120 advanced standing credits

<b>Second Year:</b>	120 credits: ES2001 <b>and</b> ES2002 <b>and</b> ES2003 <b>and</b> ES2004 - with passes at an average grade of 15 or better
<b>Third Year:</b>	120 credits: ES3001 <b>and</b> ES3002 <b>and</b> ES3003 <b>and</b> ES3004 <b>and</b> ES3007 <b>and</b> ES3008 <b>and</b> ES3009 <b>and</b> ES3012
<b>Fourth Year:</b>	15 credits: ES4001 or ES4008; 60 credits: ES3011 and EG3020 and ES4002 and ES5050 30 credits: ES4011 <b>or</b> ES4012; 15 further credits from: ES4007, ES5013, ID4001
<b>Fifth Year:</b>	60 credits: ES5003 60 further credits from: ES5001, ES5005, ES5006, ES5009, ES5010, ES5011, ES5013.

### Environmental Earth Sciences - Single Honours BSc

<b>First Year:</b>	40 credits: ES1001 <b>and</b> ES1002
<b>Second Year:</b>	90 credits: ES2001 <b>and</b> ES2002 <b>and</b> ES2003 - with passes at an average grade of 11 or better
<b>Third Year:</b>	120 credits: ES3001 <b>and</b> ES3002 <b>and</b> ES3003 <b>and</b> ES3004 <b>and</b> ES3008 <b>and</b> ES3010 and ES3011 <b>and</b> EG3020;
<b>Fourth Year:</b>	75 credits: ES4002 <b>and</b> ES4003 <b>and</b> ES4008; 45 credits from: ES4007, ES5005, ES5009, ES5010, ES5011, ES5050, BL4262, ID4001. Students who have passed all the first semester modules of Junior Honours BSc Environmental Earth Science, or the whole year of modules, with an overall credit-weighted mean grade of 15 or above may opt into Fourth Year of the Integrated Masters (MGeol) programme.

### Environmental Earth Sciences - Single Honours BSc

**Direct entry to second year** for approved candidates with 120 advanced standing credits

<b>Second Year:</b>	120 credits: ES2001 <b>and</b> ES2002 <b>and</b> ES2003 <b>and</b> ES2004 - with passes at an average grade of 11 or better
<b>Third Year:</b>	120 credits: ES3001 <b>and</b> ES3002 <b>and</b> ES3003 <b>and</b> ES3004 <b>and</b> ES3008 <b>and</b> ES3010 and ES3011 <b>and</b> EG3020;
<b>Fourth Year:</b>	75 credits: ES4002 <b>and</b> ES4003 <b>and</b> ES4008; 45 credits from: ES4007, ES5005, ES5009, ES5010, ES5011, ES5050, BL4262, ID4001. Students who have passed all the first semester modules of Junior Honours BSc Environmental Earth Science, or the whole year of modules, with an overall credit-weighted mean grade of 15 or above may opt into Fourth Year of the Integrated Masters (MGeol) programme.

## Geography & Geosciences - Programme Requirements - 2016/7 - August 2016

<b>Geography - Single Honours BSc or MA</b>	
<b>First Year:</b>	40 credits: GG1001 <b>and</b> GG1002.
<b>Second Year:</b>	60 credits: GG2011 <b>and</b> GG2012 - with passes at grade 11 or better in both at the first sitting or 13.5 in the re-assessment.
<b>Third Year:</b>	60 credits: SG3201; 60 credits in three of: GG3220 - GG3289, (EG3020 + EG3031), SG3220 - SG3289.
<b>Fourth Year:</b>	50 credits: GG4298; 50 credits in GG4201 and in two of SG4221 - SG4229. Between 20 and 25 further credits: GG3220 - GG3289, SG3220 - SG3295, SG4221 - SG4229 (ID4001 <b>or</b> ID4002) <b>with</b> GG3302) (EG3020 - EG4020 + EG3031 or EG3032 or EG4031 as appropriate).
With the permission of the Honours Advisor, 30 credits in Third or Fourth year may be substituted by 3000- or 4000- level credits from another subject.	
In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level	

<b>Geography - Joint Honours BSc or MA</b>	
(BSc Honours) <b>Geography and one of:</b> Biology, Economics, Management, Mathematics, Statistics	(MA Honours) <b>Geography and one of:</b> Arabic, Art History, Comparative Literature, Economics, Film Studies, French <sup>w</sup> , Hebrew, International Relations, Italian <sup>w</sup> , Management, Mediaeval History, Middle East Studies, Modern History, Philosophy, Psychology, Scottish History, Social Anthropology, Spanish <sup>w</sup> , Theological Studies
<sup>w</sup> Available also as 'With Integrated Year Abroad' degree	
<b>Geography element of Joint Honours BSc or MA:</b> <b>First Year:</b> 40 credits: GG1001 <b>and</b> GG1002. <b>Second Year:</b> 60 credits: GG2011 <b>and</b> GG2012 - with passes at grade 11 or better in both at the first sitting or 13.5 in the re-assessment. <b>Third Year:</b> 30 credits: SG3202; Up to 60 credits: GG3220 - GG3289, GG3301, (EG3020 + EG3031), SG3220 - SG3289. <b>Fourth Year:</b> 30 credits: GG4297 Further credits: GG3220 - GG3289, GG3302, GG4301, (EG3020 - EG4020 + EG3031 or EG3032 or EG4031 as appropriate), SG3220 - SG3289, SG4220 - SG4229, (ID4001 <b>or</b> ID4002), - to a total of between 90 and 150 credits in these modules across Third and Fourth Years.	
In total, 240 credits are required at 3000 and 4000 level, including at least 90 credits in total at 4000 level in either subject.	

## Geography & Geosciences - Programme Requirements - 2016/7 - August 2016

### Geography 'with'... - Honours MA

#### Geography with Persian, Social Anthropology or Spanish<sup>W</sup>

<sup>W</sup> Available also as 'With Integrated Year Abroad' degree

#### Geography Major element of MA Honours 'with' degree:

20 credits: GG1001 or GG1002.

**First Year:** 40 credits: GG1001 and GG1002.

**Second Year:** 60 credits: GG2011 and GG2012 - with passes at grade 11 or better in both at the first sitting or 13.5 in the re-assessment.

**Third Year:** At least 30 credits: SG3202 - SG3203;  
Further credits: GG3220 - GG3289, GG3301, (EG3020 + EG3031), SG3220 - SG3289. - to a total of between 80 and 100 credits in GG, EG and/or SG modules for the Year.

**Fourth Year:** 50 credits: GG4298;  
20 credits in one of: SG4220 - SG4229;  
Further credits: GG3221 - GG3289, GG3302, GG4201, GG4301, (EG3020 - EG4020 + EG3031 or EG3032 or EG4031 as appropriate), SG3221 - SG4289, SG4220 - SG4229 (ID4001 or ID4002), to a total of 180 credits in these modules across Third and Fourth Years.

In total, 240 credits are required at 3000 and 4000 level, including at least 90 credits at 4000 level in either subject.

### ... 'with' Geography - Honours BSc or MA

(BSc Honours)

**Mathematics with Geography**

(MA Honours)

**Psychology, Russian<sup>W</sup>, Social Anthropology or Spanish<sup>W</sup> with Geography**

<sup>W</sup> Available also as 'With Integrated Year Abroad' degree

#### Geography Minor element of BSc or MA Honours 'with' degree:

**First Year:** 40 credits: GG1001 and GG1002.

**Second Year:** 60 credits: GG2011 and GG2012 - with passes at grade 11 or better in both at the first sitting or 13.5 in the re-assessment.

**Third and**

**Fourth Years:** 60 credits in three of: GG3221 - GG3289, (EG3020 - EG4020 + EG3031 or EG3032 or EG4031 as appropriate), SG3221 - SG3289.

In total, 240 credits are required at 3000 and 4000 level, including at least 90 credits at 4000 level.

### Geology - Single Honours BSc

**First Year:** 40 credits: ES1001 and ES1002

**Second Year:** 90 credits: ES2001 and ES2002 and ES2003 - with passes at an average grade of 11 or better

**Third Year:** 120 credits: ES3001 and ES3002 and ES3003 and ES3004 and ES3006 and ES3007 and ES3008 and ES3009.

**Fourth Year:** 75 credits: ES4001 and ES4002 and ES4003;  
45 credits from: ES3011, ES4007, ES5005, ES5006, ES5009, ES5010, ES5013, ES5050, ID4001.

Students who have passed all the first semester modules of Junior Honours BSc Geology, or the whole year of modules, with an overall credit-weighted mean grade of 15 or above may opt into Fourth Year of the Integrated Masters (MGeol) programme.

## Geography & Geosciences - Programme Requirements - 2016/7 - August 2016

<b>Geology - Single Honours BSc</b>	
Direct entry to second year for approved candidates with 120 advanced standing credits	
<b>Second Year:</b>	120 credits: ES2001 and ES2002 and ES2003 and ES2004 - with passes at an average grade of 11 or better
<b>Third Year:</b>	120 credits: ES3001 and ES3002 and ES3003 and ES3004 and ES3006 and ES3007 and ES3008 and ES3009
<b>Fourth Year:</b>	75 credits: ES4001 and ES4002 and ES4003; 45 credits in three of: ES3011, ES4007, ES5005, ES5006, ES5009, ES5010, ES5013, ES5050, ID4001. Students who have passed all the first semester modules of Junior Honours BSc Geology, or the whole year of modules, with an overall credit-weighted mean grade of 15 or above may opt into Fourth Year of the Integrated Masters (MGeol) programme.

<b>Geology - Joint Honours BSc</b>	
<b>Geology and either Biology or Chemistry</b>	
<b>Geology and Biology - Joint Honours BSc For students who entered Honours in 2015/6 or 2016/7</b>	
<b>First Year:</b>	80 credits: BL1101 and BL1102 and ES1001 and ES1002
<b>Second Year:</b>	120 credits: BL2102 and BL2105 and ES2001 and ES2002 - with passes at 11 or better in all. (Including participation on the 2 <sup>nd</sup> year Earth Sciences field course).
<b>Third Year:</b>	20 credits: BL3000 and BL3320 60 credits from: ES3001 and ES3004 and ES3008 and ES3011 40 credits in two of: BL3307, BL3308, BL3309, BL3315, BL3316, BL3318, BL3319, BL3323, PN3312, PN3313.
<b>Fourth Year:</b>	60 credits: ES4002 and ID4442. 15 credits: ES3009 or ES4007 or ID4001 or ES5010. 45 further credits in two of: BL4249, BL4254 - BL4256, BL4260, BL4262, BL4266, BL4268, BL4270, BL4273, BL4274, BL4275, BL4278, BL4280, BL4286, BL4301, ID4001.
<b>Geology and Biology - Joint Honours BSc For students entering First or Second Year in 2016/7</b>	
<b>First Year:</b>	80 credits: BL1101 and BL1102 and ES1001 and ES1002
<b>Second Year:</b>	120 credits: BL2300, BL22303, BL2307 and (BL2306 or BL2308) and ES2001 and ES2002 - with an average grade of 11 or better in all.
<b>Third Year:</b>	20 credits: BL3000 and BL3320 60 credits from: ES3001 and ES3004 and ES3008 and ES3011 40 credits in two of: BL3307, BL3308, BL3309, BL3315, BL3316, BL3318, BL3319, BL3323, PN3312, PN3313.
<b>Fourth Year:</b>	75 credits: BL4220 and ES4002 and ID4442. 15 credits: ES3009 or ES4007 or ID4001 or ES5010. 30 further credits in two of: BL4249, BL4254 - BL4256, BL4260, BL4262, BL4266, BL4268, BL4270, BL4273, BL4274, BL4275, BL4278, BL4280, BL4286, BL4301, ID4001.
<b>Geology and Chemistry - Joint Honours BSc</b>	
<b>First Year:</b>	100 credits: CH1401 and CH1402 and CH1601 and ES1001 and ES1002.
<b>Second Year:</b>	60 credits: CH2501 and CH2701 - with an average of grade 11 or better. 60 credits: ES2001 and ES2002 - with passes at grade 11 or better in both.
<b>Third Year:</b>	120 credits: CH3431 and CH3715 and CH3521 and CH3713 and (CH3716 OR CH3717) and ES3001 and ES3004 and ES3006 and ES3008.
<b>Fourth Year:</b>	30 credits in three of: CH4514, CH4714, CH4715, CH5711, CH5715, CH5717; 50 credits: (ES4010 with CH4448) or ID4441; 25 credits: CH5518 and ES3009; 15 credits in one of: ES3011, ES4006, ES4007, ES5006, ES5009, ID4001. In total, 240 credits must be achieved at 3000 and 4000 level with at least 90 of these at 4000 level. Other information: This course does not have RSC accreditation

## Geography & Geosciences - Programme Requirements - 2016/7 - August 2016

### Sustainable Development - Single Honours BSc or MA

<b>First Year:</b>	40 credits: GG1001 and SD1000; Sufficient credits from 1000-level modules in a partner subject (see accompanying list 1.) to permit progression to 2000-level in that subject. (see accompanying list).
<b>Second Year:</b>	60 credits: SD2001 and SD2002 – with passes at grade 11 or better in both at the first sitting or 13.5 in the re-assessment; Sufficient 2000-level credits in the partner subject with passes at the required grade to permit entry to Honours in that subject (exceptions to this may only be made with the permission of the relevant Director of Teaching).
<b>Third Year:</b>	Between 30 and 60 credits: SG3201 - SG3204; Up to 60 credits: SD3220 - SD3295, SG3220 - SG3295; Further credits: 3000- or 4000-level modules in the partner subject (or honours modules in accompanying list 2.), to a total of 120 for the Year.
<b>Fourth Year:</b>	20 credits: SG4221 - SG4289; 60 credits: SD4299; Further credits: 3000- or 4000-level modules in partner subject (or honours modules in accompanying list 2.), to a total of 120 for the Year. In total, 240 credits are required at 3000 and 4000 level, including at least 90 credits in total at 4000 level

**1. Partner Subjects agreed for 2106/7:** Biology, Chemistry, Computer Science, Divinity, English, Film Studies, Geography, History, International Relations, Management, Mathematics & Statistics, Modern Languages, Psychology, Social Anthropology (only for certain modules and only if space available).

Partner subjects are drawn from those Schools and departments across the University which have agreed to partner with Sustainable Development and thus allow SD students to access Honours modules, provided they meet the Honours entry requirement for that subject. SD students will gain access to these modules via the SD Honours Adviser and the Honours Adviser for each subject, who will be able to explain any relevant exceptions to the above.

**2. Honours Modules - agreed for 2016/7 - for which SD2001 and SD2002, and honours entry to Sustainable Development is sufficient qualification:** In addition to the Partner Subject arrangements above, the following modules are available to all students who have achieved Honours entry in Sustainable Development (see above):

**Biology:** BL3000\*; BL3308\*; BL3309\*; BL3316; BL3318; BL3320; BL4249; BL4254; BL4255; BL4258; BL4260; BL4262; BL4266; BL4268; BL4270; BL4274; BL4275; BL4278; BL4280; BL4281; BL4282; BL4284; BL4285; BL4301; (\* *The co-requisites for these modules may be waived for Sustainable Development students*);

**English:** EN3202 (available 2016-2017 but not 2017-2018);

**Film Studies:** FM4110, FM4113 (*SD Students who do not have a background in film may access these modules subject to approval by module convenors. If interested, they need to contact Dr Torchin directly (lt40)*);

**Geography & Geoscience:** EG3020; EG3021; EG3031; EG3032; EG4020; EG4031; GG3226; GG3232; GG3234; GG3262; GG3263; GG3264; SG3229; SG3272; SG3273; SG3274;

**Interdisciplinary:** ID4001; ID4002

**Management:** MN4227, MN4238, MN4266;

**Modern History:** MO3334, MO3338.

**Students still completing degree programmes as defined in previous Course Catalogues should discuss their module selections with their Honours Adviser(s).**