

## 课程大纲 COURSE SYLLABUS

1.	<b>课程代码/名称 Course Code/Title</b>	GGC5044 英语科学写作 <b>Communicating Science in English</b>
2.	<b>课程性质 Compulsory/Elective</b>	选修 Elective
3.	<b>课程学分/学时 Course Credit/Hours</b>	2 / 32
4.	<b>授课语言 Teaching Language</b>	英语 English
5.	<b>授课教师 Instructor(s)</b>	Jason Phipps Morgan
6.	<b>是否面向本科生开放 Open to undergraduates or not</b>	是 Yes
7.	<b>先修要求 Pre-requisites</b>	(如面向本科生开放, 请注明区分内容。 If the course is open to undergraduates, please indicate the difference.) 研究生: 无 Graduates: N/A 本科生: 无 Undergraduates: N/A
8.	<b>教学目标 Course Objectives</b>	(如面向本科生开放, 请注明区分内容。 If the course is open to undergraduates, please indicate the difference.) help students improve their scientific communication in English. Topics mainly focus on improving scientific writing, but scientific presentations (both as talks and poster presentations) will also be discussed. Class will also help students to improve their ability to discuss scientific topics in English. For undergraduates: no difference
9.	<b>教学方法 Teaching Methods</b>	(如面向本科生开放, 请注明区分内容。 If the course is open to undergraduates, please indicate the difference.) Lectures, class discussions, and small group discussions For undergraduates: no difference
10.	<b>教学内容 Course Contents</b>	(如面向本科生开放, 请注明区分内容。 If the course is open to undergraduates, please indicate the difference.)
	<b>Section 1</b>	科学写作以及叙事方法, 2 学时 Writing in science & science writing as storytelling, 2 hours For undergraduates: no difference
	<b>Section 2</b>	写作: 叙事完整以及叙事结构, 2 学时 Writing: making a story sticky & story structure, 2 hours For undergraduates: no difference
	<b>Section 3</b>	写作: 开头, 2 学时 Writing: the opening, 2 hours For undergraduates: no difference

<b>Section 4</b>	写作：如何衔接开头和结论 以及相关挑战， 2 学时 Writing: the funnel: connecting O and C & the challenge, 2 hours For undergraduates: no difference
<b>Section 5</b>	写作：具象化及相关内容， 2 学时 Writing: action, 2 hours For undergraduates: no difference
<b>Section 6</b>	写作：留意细节， 2 学时 Writing: the resolution, 2 hours For undergraduates: no difference
<b>Section 7</b>	写作：内部结构，段落以及句子， 2 学时 Writing: internal structure & paragraphs & sentences, 2 hours For undergraduates: no difference
<b>Section 8</b>	写作：上下文衔接以及如何写得生动， 2 学时 Writing: flow & energizing writing, 2 hours For undergraduates: no difference
<b>Section 9</b>	写作：用词以及简明扼要， 2 学时 Writing: words & condensing, 2 hours For undergraduates: no difference
<b>Section 10</b>	写作：完整的文章修饰：真正的编辑技巧， 2 学时 Writing: putting it all together: real editing, 2 hours For undergraduates: no difference
<b>Section 11</b>	写作内容及技巧的突破， 2 学时 Writing: Dealing with limitations, 2 hours For undergraduates: no difference
<b>Section 12</b>	一般的科学写作，为公众写作，以及细节等级， 2 学时 Writing global science & writing for the public & resolution, 2 hours For undergraduates: no difference
<b>Section 13</b>	如何做讲座 - 演示稿以及内容结构， 2 学时 Making a Talk - Slides and Structure, 2 hours For undergraduates: no difference
<b>Section 14</b>	如何做展板和介绍， 2 学时 Making a Poster and Presenting, 2 hours For undergraduates: no difference
<b>Section 15</b>	练习以及更高的目标 - 写作的风格， 4 学时 Practice and Further Goals - Style in writing, 4 hours For undergraduates: no difference
<b>11. 课程考核</b> <b>Course Assessment</b>	
	( ① 考核形式 Form of examination; ②. 分数构成 grading policy; ③ 如面向本科生开放，请注明区分内容。 If the course is open to undergraduates, please indicate the difference. ) 1. Form of examination: home assignments 2. Grading policy: course attendance 30%; assignment 70% 3. For undergraduates: no difference
<b>12. 教材及其它参考资料</b> <b>Textbook and Supplementary Readings</b>	

Primary Textbook: Writing Science, by Joshua Schimel, Oxford University Press, 2012, 221 pp.

Recommended supplementary readings:

Style: Lessons in Clarity and Grace, by Joseph M. Williams, (any edition, e.g. 9th edition, Pearson Education, 2007, 286 pp.)

Editorial: HOW TO WRITE A GOOD ARTICLE FOR PUBLICATION IN TERRA NOVA, J. Braun, M. Coleman, J. P. Morgan, C. Doglioni, G. Calas, and K. Mezger, Terra Nova, 30, 389-392, 2018.  
<https://doi.org/10.1111/ter.12362>