

SIGNATURE ROUTING LOG

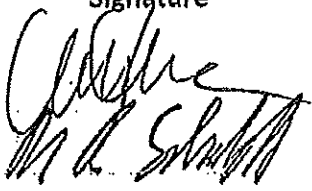
General Information:

Proposal Type: Course Program Other
 Proposal Name¹ (course prefix & number, pgm major & degree, etc.): BIO 102/152 DL
 Proposal Contact Person Name: see respective DL form Phone: _____ Email: _____


INSTRUCTIONS:

Identify the groups or individuals reviewing the proposal; note the date of approval; offer a contact person for each entry; and obtain signature of person authorized to report approval.

Internal College Approvals and Course Cross-listing Approvals:

Reviewing Group	Date Approved	Contact Person (name/phone/email)	Signature
Biology	<u>12/09/09</u>	Vincent Cassone / vincent.cassone@uky.edu / 7-8641	
A&S Associate Dean	12/09/09	Ted Schatzki / schatzki@uky.edu / 7-5821	
		/ /	
		/ /	
		/ /	

External-to-College Approvals:

Council	Date Approved	Signature	Approval of Revision ²
Undergraduate Council	<u>4/1/2010</u>		
Graduate Council			
Health Care Colleges Council			
Senate Council Approval		University Senate Approval	

Comments: _____

¹ Proposal name used here must match name entered on corresponding course or program form.

² Councils use this space to indicate approval of revisions made subsequent to that council's approval, if deemed necessary by the revising council.

Distance Learning Form

This form must accompany every submission of a new/change course form that requests distance learning delivery. This form may be required when changing a course already approved for DL delivery. All fields are required!

Introduction/Definition: For the purposes of the Commission on Colleges Southern Association of Colleges and Schools accreditation review, *distance learning* is defined as a formal educational process in which the majority of the instruction (interaction between students and instructors and among students) in a course occurs when students and instructors are not in the same place. Instruction may be synchronous or asynchronous. A distance learning (DL) course may employ correspondence study, or audio, video, or computer technologies.

A number of specific requirements are listed for DL courses. The *department proposing the change in delivery method* is responsible for ensuring that the requirements below are satisfied at the individual course level. It is the responsibility of the instructor to have read and understood the university-level assurances regarding an equivalent experience for students utilizing DL (available at <http://www.uky.edu/USC/New/forms.htm>).

Error! Hyperlink reference not valid.

Course Number and Prefix: BIO 102	Date: November 10, 2009
Instructor Name: Scott Gleeson	Instructor Email: skglees@uky.edu
Check the method below that best reflects how the majority of course of the course content will be delivered. Internet/Web-based <input checked="" type="checkbox"/> Interactive Video <input type="checkbox"/> Hybrid <input type="checkbox"/>	

<i>Curriculum and Instruction</i>	
1.	<p>How does this course provide for timely and appropriate interaction between students and faculty and among students? Does the course syllabus conform to University Senate Syllabus Guidelines, specifically the Distance Learning Considerations?</p> <p>This course will be taught online, with pre-recorded lectures, online exercises and exams. The instructor will offer regular office hours for online chat, or telephone contact if needed, as well as open email access. The syllabus will conform with the University Senate Guidelines</p>
2.	<p>How do you ensure that the experience for a DL student is comparable to that of a classroom-based student's experience? Aspects to explore: textbooks, course goals, assessment of student learning outcomes, etc.</p> <p>The course plan is very similar to the in class experience, which consists mainly of lecture presentations, online homework and in class exams. The students will work with the textbook in essentially the same way as the in class student.</p>
3.	<p>How is the integrity of student work ensured? Please speak to aspects such as password-protected course portals, proctors for exams at interactive video sites; academic offense policy; etc.</p> <p>The course will be offered through Blackboard, ensuring that each student has individual protected access to the course materials. Online assignments are open book and exams will be individually unique, time limited and one-time access.</p>
4.	<p>Will offering this course via DL result in at least 25% or at least 50%* (based on total credit hours required for</p>

Abbreviations: TASC = Teaching and Academic Support Center DL = distance learning DLP = Distance Learning Programs

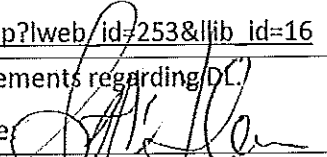
Distance Learning Form

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	<p>completion) of a degree program being offered via any form of DL, as defined above? No.</p> <p>If yes, which percentage, and which program(s)?</p> <p><i>*As a general rule, if approval of a course for DL delivery results in 50% or more of a program being delivered through DL, the effective date of the course's DL delivery will be six months from the date of approval.</i></p>
5.	<p>How are students taking the course via DL assured of equivalent access to student services, similar to that of a student taking the class in a traditional classroom setting?</p> <p>As registered students at UK, they will have access to the full range of student services as outlined on the UK Student Affairs website (http://www.uky.edu/StudentAffairs/).</p>
<i>Library and Learning Resources</i>	
6.	<p>How do course requirements ensure that students make appropriate use of learning resources?</p> <p>Successful completion of course requirements will require that the students make appropriate use of the textbook and required internet sites, and access to library resources are available on the library website for distance learning (http://www.uky.edu/Libraries/lib.php?lib_id=16).</p>
7.	<p>Please explain specifically how access is provided to laboratories, facilities, and equipment appropriate to the course or program.</p> <p>This course will not require physical access to any particular facility or equipment.</p>
<i>Student Services</i>	
8.	<p>How are students informed of procedures for resolving technical complaints? Does the syllabus list the entities available to offer technical help with the delivery and/or receipt of the course, such as the Teaching and Academic Support Center (http://www.uky.edu/TASC/index.php) and the Information Technology Customer Service Center (http://www.uky.edu/UKIT/)?</p> <p>The syllabus lists technical support services available.</p>
9.	<p>Will the course be delivered via services available through the Teaching and Academic Support Center?</p> <p>Yes <input checked="" type="checkbox"/></p> <p>No <input type="checkbox"/></p> <p>If no, explain how students enrolled in DL courses are able to use the technology employed, as well as how students will be provided with assistance in using said technology.</p>

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10.	<p>Does the syllabus contain all the required components, below? <input type="checkbox"/> Yes</p> <ul style="list-style-type: none"> <input type="checkbox"/> Instructor's <i>virtual</i> office hours, if any. <input type="checkbox"/> The technological requirements for the course. <input type="checkbox"/> Contact information for TASC (http://www.uky.edu/TASC/; 859-257-8272) and Information Technology Customer Service Center (http://www.uky.edu/UKIT/; 859-257-1300). <input type="checkbox"/> Procedure for resolving technical complaints. <input type="checkbox"/> Preferred method for reaching instructor, e.g. email, phone, text message. <input type="checkbox"/> Maximum timeframe for responding to student communications. <input type="checkbox"/> Language pertaining academic accommodations: <ul style="list-style-type: none"> o "If you have a documented disability that requires academic accommodations in this course, please make your request to the University Disability Resource Center. The Center will require current disability documentation. When accommodations are approved, the Center will provide me with a Letter of Accommodation which details the recommended accommodations. Contact the Disability Resource Center, Jake Karnes, Director at 859-257-2754 or jkarnes@email.uky.edu." <input type="checkbox"/> Information on Distance Learning Library Services (http://www.uky.edu/Libraries/DLLS) <ul style="list-style-type: none"> o Carla Cantagallo, DL Librarian o Local phone number: 859 257-0500, ext. 2171; long-distance phone number: (800) 828-0439 (option #6) o Email: dllservice@email.uky.edu o DL Interlibrary Loan Service: http://www.uky.edu/Libraries/libpage.php?lweb_id=253&lib_id=16
11.	<p>I, the instructor of record, have read and understood all of the university-level statements regarding DL.</p> <p>Instructor Name: <u>SCOTT GLEESON</u> Instructor Signature: </p>

Human Ecology Online – Syllabus
BIO 102-??? 4 week intercession 2010

Getting Started: this course is online. Go to MyUK and log into Blackboard using your LINK BLUE username and password. If you are registered for this course, you will have a link to the course page. The course will open to the Announcements page – follow directions provided there.

Instructor: Scott Gleeson (Department of Biology)

Office: Rm. 109 MDR#3

Phone: 323-3284

E-mail: skglees@uky.edu [email is preferred, expect a response within 24 hours]

Online Office Hrs: MTWThF 3:00-5:00pm, or by email appointment

Website: <http://web.as.uky.edu/biology/faculty/gleeson>

Course Website: access via Blackboard <https://elearning.uky.edu/webapps/portal/frameset.jsp>

Dept. Website: http://www.as.uky.edu/academics/departments_programs/biology/biology/Pages/default.aspx

Technology Requirements. In order to participate in this course, you will need access to a computer with the minimum hardware, software and internet configuration described at this site:

<http://wiki.uky.edu/blackboard/Wiki%20Pages/FAQs.aspx>.

You will need Microsoft PowerPoint or Adobe Acrobat Reader to access the lectures. If using a UK computer these should be already installed. Note: the use of Internet Explorer is NOT recommended for use with Blackboard. Firefox is the recommended Internet browser for the course.

If you experience technical difficulties with accessing course materials, the Customer Service Center may be able to assist you. Their hours are 7am – 6pm Monday through Friday. You may reach them at 859-257-1300 or by e-mail at helpdesk@uky.edu. Please also inform the course instructor when you are having technical difficulties. The Teaching and Academic Support Center (TASC) website (<http://www.uky.edu/TASC/>) offers additional information and resources that can promote a successful distance learning experience. They may also be reached at 859-257-8272.

Text: *Sustaining the Earth* by G. Tyler Miller, 9th edition, 2009. Brooks/Cole/Cengage. We will be using this textbook heavily in this course, you will definitely want to have it or share it. It is an abridged (and cheaper) version of Miller's larger text *Living in the Environment* (16th ed.) If you have a copy of the previous edition (8th) of the text, you might be ok in this course, but I can't guarantee it.

Books may be purchased from the following stores or any online source (e.g. Amazon).

Kennedy Bookstore, 405 S. Limestone, (606) 252-0331 or 1-800-892-5165, <http://www.kennedys.com>

Wildcat Text Books, 563 S. Limestone, (606) 225-7771, <http://www.wildcattext.com>

UK Bookstore 106 Student Center Annex, phone (606) 257-6304 or 1-800-327-6141,

<http://www.ukbookstore.com>

Distance Learning Library Services

As a Distance Learning student you have access to the Distance Learning Library services at

<http://www.uky.edu/Libraries/DLLS>

This service can provide you access to UK's circulating collections and can deliver to you manuscripts or books from UK's library or other libraries. The DL Librarian may be reached at 859-257-0500, ext 2171, or 800-828-0439 (option #6) or by mail at dlservice@email.uky.edu. For an interlibrary loan visit:

http://www.uky.edu/Libraries/linpage.php?lweb_id=253&llib_id=16

Course Description: BIO 102 is a one-semester course intended for students not majoring in the life sciences. It fulfills 3 credits of the Natural Sciences requirement for the University Studies Program (USP). This course is titled "Human Ecology", which is very similar in coverage to courses titled "Environmental Science", in that it surveys the question of the interaction between humans and their environment. My basic perspective is that a big goal we all share is the perfection of society - envisioning and attaining "utopia". This is obviously a multi-disciplinary challenge, so we will need all the help we can get. But it is also obviously an important one, so we

have to try! This course is directly relevant to this larger goal (as is history, art, philosophy, psychology, music, etc.) You, the students in this course, will be taking on this challenge, and my hope is that what you learn in this course will be useful in the future as you follow your chosen path. This is a Biology course, and I am an ecologist, so our approach will be to build an appreciation for the history and pattern of living and non-living processes in the biosphere as a basis for exploring human adaptations and impacts. The plan is to focus the lectures on the origins and distribution of BIODIVERSITY, and use the text book for a more in-depth look at environmental challenges such as pollution, population, energy, etc.

Course Objectives: BIO 102 is designed to develop an understanding and appreciation of the biosphere, the evolution and ecology of biodiversity, the relationship between humans and their environment and a consideration of the sustainability of human civilization.

Course Outline:

I. World without humans

A. Biosphere – Air, climate, geology, oceans, life

B. Biodiversity

Evolution – origin, adaptation, speciation, diversification

Ecology – individual, population, community, ecosystem

II. World with humans

A. Human Evolution and Adaptation

B. Human Impacts and Solutions

Grading: This course will have two main components, lecture and text. There is considerable overlap between the lecture and text, but also significant differences in coverage. Students are responsible for all material presented in lecture sessions and all reading assignments in the textbook as well as any additional reading assignments. Grades will be determined by performance on objective online examinations. In class, two hourly examinations and a final will be given. Online exams and their due dates will be posted on the website. The final grade will be an average of the lecture exams (approximately 70%) and the textbook chapter exams (approximately 30%) and any additional assignments. Undergraduates will be provided a midterm course grade. The following grade scale will be applied unless you are otherwise notified:

A = 100-90.0%

C = 79.9-70.0%

E = below 60.0%

B = 89.9-80.0%

D = 69.9-60.0%

There will be no “pop” quizzes. Any additional exercises will be announced in lecture and on the website.

Accommodations due to disability. If you have a documented disability that requires academic accommodations, please notify the instructor as soon as possible. In order to receive accommodations in this course, you must provide the instructor with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 859-257-2754, email at jkarnes@email.uky.edu) for coordination of campus disability services available to students with disabilities.

Attendance and Participation. All course materials are online. You should plan to spend a minimum of 5-6 hours per day (M-F) on this course viewing the lectures and related links, reading the text, completing the online chapter tests and preparing for the exams. The lectures and other materials will be available continuously. The three exams will be available from 6:00 and and 12:00 pm on the exam day, and once the exam is accessed you will have 60 minutes to complete the exam. The online chapter tests are open book and available until 5:00 pm before the exam for that section, and can be accessed repeatedly.

Final Exam: Tuesday, June 8 (online) available from 6:00 and and 12:00 pm.

Study suggestions. I strongly recommend viewing all lectures, reading the text, and keeping up with the online exams. Since biology involves the mastery of concepts that are embodied in terminology, I especially recommend preparing study sheets or cards of terms and their meanings. Many students find forming study groups helpful. The key is to study what you don't know rather than what you do know, and that is why you should prepare your

own study materials. Study groups, flash cards, etc. work because they require active processing (self-testing) rather than passive reading (and re-reading). One productive approach is to ask yourself "how would I (you) ask a question on this material?" Also, based on exam results, people study early material more than later stuff - maybe try to balance the effort more. More efficient study habits will help you reach your academic goals whatever they are by making the time you do spend more productive.

By the way. In the past, some students have expressed the view that since this is "just" a USP course, I should keep my expectations and demands low. I don't agree with this - I think the USP program is intended to form the core of your general education, and your general education is one of the main purposes of this University. If I thought this course was unimportant, I wouldn't be teaching it.

Missed Exams: A missed lecture exam will result in a score of zero, unless an acceptable excuse is presented to the instructor within one week of the missed exam. There are no make up exams for the textbook chapter tests. Make-up exams will only be given for excused absences and may consist of discussion or short answer questions. Make-up exams are scheduled by agreement between the student and instructor. It is the student's responsibility to contact the instructor to arrange a make-up exam.

Cheating: Cheating is a serious academic offense. Persons found to be cheating during the exams will suffer at least the minimum punishment - a grade of 'E'.

Student Conduct: Students are expected to maintain decorum that includes respect for other students and the instructor, to regularly log in to the course, and to display an attitude that seeks to take full advantage of the educational opportunity. All students are expected to be prepared to work and actively participate in class activities.

Student Support. Consult Student Rights and Responsibilities for important information including procedures for dealing with unresolved conflicts. Peer tutors are available for 102, contact <http://www.uky.edu/UGS/Study>. For additional support, go to UK Academic Services , Student Resources.

Lecture Outline: This is intended as an outline of the flow of topics in the course. Actual lecture material on a given day may vary. The chapter/pages refer to related textbook material – this also may change as we progress.

Lect.	Date	Day	Topic	Chapter
1	May 10	M	Introduction	
2	11	T	Part 1: Biosphere: Geology, Climate, Life	Ch 1,2,12
3	12	W	Geology	
4	13	TH	Climate	
5	14	F	Life	
6	17	M	Biosphere	
	18	T	EXAM #1	
7	19	W	Part 2: Biodiversity: Evolution	Ch 3,5,6,4
8	20	TH	Origin of Life	
9	21	F	Classification	
10	24	M	Tree of Life	
11	25	T	Natural Selection	
12	26	W	Diversity	
	27	TH	EXAM #2	
13	28	F	Part 3: Biodiversity: Ecology & Humans	Ch 9,10,13,14
	31	M	Memorial Day – holiday	
14	Jun 1	T	Populations	
15	2	W	Communities and Ecosystems	
16	3	TH	Biomes	
17	4	F	Human Evolution	
18	7	M	Human Impacts	
	8	TU	EXAM # 3	

This version updated 3/26/10

**Human Ecology -- Syllabus
BIO 102-001 Spring 2009**

Class times and location: Tues-Thur 9:30 - 10:45 a.m. BS 107 (Morgan Building)

Instructor: Scott Gleeson (Department of Biology)

Office: Rm. 109 MDR#3

Phone: 323-3284

E-mail: skglees@uky.edu

Office Hrs: TR 11:00-12:00, or by appointment

Website: <http://web.as.uky.edu/biology/faculty/gleeson>

Course Website: <http://web.as.uky.edu/biology/faculty/gleeson/BIO102.htm>

Dept. Website: http://www.as.uky.edu/academics/departments_programs/biology/biology/Pages/default.aspx

Text: *Sustaining the Earth* by G. Tyler Miller, 9th edition, 2009. Brooks/Cole/Cengage

Course Description: BIO 102 is a one-semester course intended for students not majoring in the life sciences. It fulfills 3 credits of the Natural Sciences requirement for the University Studies Program (USP).

Course Objectives: BIO 102 is designed to develop an understanding and appreciation of the biosphere, the evolution and ecology of biodiversity, the relationship between humans and their environment and a consideration of the sustainability of human civilization.

Coverage: Students are responsible for all material presented in lecture sessions and all reading assignments in the textbook as well as any additional reading assignments.

Grading: Grades will be determined primarily by performance on objective examinations, in class and online. In class, two hourly examinations and a final will be given. Online exams and their due dates will be posted on the website. The final grade will be an average of the in class exams (approximately 70%) and the online exams (approximately 30%) and any additional assignments (see below). The following grade scale will be applied unless you are otherwise notified:

A = 100-90.0%

C = 79.9-70.0%

E = below 60.0%

B = 89.9-80.0%

D = 69.9-60.0%

There will be no "pop" quizzes. Any extra credit exercises will be announced in lecture and on the website.

Missed Exams: A missed in class exam will result in a score of zero, unless an acceptable excuse is presented to the instructor within one week of the missed exam. There are no make up exams for the online tests. Make-up exams will only be given for excused absences and will consist of discussion or short answer questions. Make-up exams are scheduled by agreement between the student and instructor. It is the student's responsibility to contact the instructor to arrange a make-up exam.

Cheating: Cheating is a serious academic offense. Persons found to be cheating during the exams will suffer at least the minimum punishment - a grade of 'E'.

Final Exam: Friday, May 8, 10:30 AM, classroom (room 107 Biology Building)

Lecture Outline: This is intended as an outline of the flow of topics in the course. Actual lecture material on a given day may vary. The chapter/pages refer to related textbook material – this also may change as we progress.

Lect.	Date	Day	Topic	Chapter
1	Jan 15	TH	Introduction	
2	20	TU	Part 1: Biosphere: Geology, Climate, Life	Ch 1,2,12
3	22	TH		
4	27	TU		
5	29	TH		
6	Feb 3	TU		
7	5	TH		
8	10	TU		
9	12	TH		
	Feb 17	TU	EXAM #1	
10	19	TH	Part 2: Biodiversity: Evolution	Ch 3,5,6
11	24	TU		
12	26	TH		
13	Mar 3	TU		
14	5	TH		
15	10	TU		
16	12	TH		
	17&19		SPRING BREAK	
17	24	TU	Part 3: Biodiversity: Ecology	Ch 4,9,10
18	26	TH		
	Mar 31	TU	EXAM #2	
19	April 2	TH		
20	7	TU		
21	9	TH		
22	14	TU		
23	16	TH	Part 4: Humans – Adaptation and Impact	Ch 4,13,14
24	21	TU		
25	23	TH		
26	28	TU		
27	30	TH		
10:30am	May 8	Fri	EXAM # 3	