



Doc Nbr:	77130411	Status:	ENROUTE
Initiator:	hmcastor	Created:	Sep 14, 2018

New Course KO BIOL-T 591

Course Request Key Fields

1 .	Requesting Campus:	KO-Kokomo
2 .	Matching Course:	No
3 .	School:	SCI-School of Sciences
4 .	Subject:	BIOL-Biology
5 a.	Course Number:	T-591
b.	Has course number been reserved with, ussscrt@indiana.edu, University Student Services and Systems?	Yes
6 .	Credit Type:	Graduate
7 .	Is this a Purdue Course?	No
8 a.	Course Title	History of Life
b.	Recommended Abbreviation (30 characters including spaces):	History of Life

Course Catalog Attributes

9 .	Academic Career:	Graduate
10 .	Effective Term (anticipated):	Spring 2019
11 .	Credit Hours:	Fixed at 3
12 .	Contact Hours:	
13 .	Is S-F grading approval being requested?	No
14 .	Is variable title approval being requested?	No
15 .	Prerequisites/Corequisites (to be enforced during registration):	
16 .	Course Description:	This graduate-level independent study course is an examination of two dimensions of the history of life on Earth. One of these is an overview of the evolutionary history of life on the planet based on the fossil record and within the genetic codes of existing organisms. The other is an exploration of how the scientific view of biological evolution has developed over the last two centuries, from creation story-based views of the origin of life to the teleological views of evolution to the modern non-teleological theory of evolution through natural selection first posited by Charles Darwin and Alfred Russell Wallace.

Course Attributes for Scheduling

17 .	Equivalent Courses:	LBST-D 513
18 a.	Repeatable for Credit?	No
b.	Total Career Credit Hours Allowed:	
c.	Total Career Completions Allowed:	
d.	Allow multiple enrollments in term?	
19 a.	Type of Instructional Experience (Select primary component):	Lecture
b.	Additional component(s) that apply:	

20 .	Instruction Mode (select all that apply):	Online All
21 .	Instructor Name:	Michael S. Finkler
22 .	Estimated Enrollment:	40
23 .	Estimated Enrollment Percent Expected to be Graduate Students:	100
24 .	Frequency of Schedule:	As Needed
25 .	Course Typically Offered:	Spring Term
26 .	Will this course be required for majors?	No

Additional Course Information

27 .	Justification for New Course:	This course is part of the collaborative online Graduate Certificate in Biology program.
28 a.	Does this course overlap with existing courses?	Yes
b.	Please explain:	This course overlaps with LBST-D 513.
c.	Have you contacted the appropriate department, school, etc. affected by the overlap?	Yes
29 .	Are the necessary reading materials currently available in the appropriate library?	Yes
30 .	Do you anticipate this course will require a special fee? (Information Only)	Yes

Essential Syllabus Information

ESI 1.	Course Content:	<ul style="list-style-type: none"> - Creation-based view of life in the natural world - Biological evolution - Evolution through natural selection - Genetic evolution - Early diversity of animal life - History and diversity of life forms - Evolution vs. creation
ESI 2.	Representative Bibliography or Resources:	<p>William Paley. Natural Theology: Or, Evidences of the Existence and Attributes of the Deity, Collected from the Appearances of Nature.</p> <p>Jean Baptiste Pierre Antoine de Monet, Chevalier de Lamarck. Zoological Philosophy: An Exposition with Regard to the Natural History of Animals.</p> <p>Charles Darwin. The Origin of Species.</p> <p>Sean B. Carroll. The Making of the Fittest: DNA and the Ultimate Forensic Record of Evolution.</p> <p>Stephen Jay Gould. Wonderful Life: The Burgess Shale and the Nature of History.</p> <p>Richard Fortey. Life: A Natural History of the First Four Billion Years of Life on Earth.</p> <p>Eugenie C. Scott. Evolution vs. Creationism: An Introduction.</p>
ESI 3.	Teaching and Learning Methods:	Lecture, Readings, Response Papers, Research Paper, Discussion Forums

ESI 4.	Learning Outcome/Objectives:	Upon completion of this course, students will be able to: 1. Critically evaluate scholarly work 2. Develop arguments supported by appropriate evidence and reasoning 3. Evaluate the strengths and weaknesses of different perspectives from different disciplines 4. Critically evaluate their own ideas, arguments, and perspectives
ESI 5.	Learning Assessment:	Discussion: 25% Response papers: 50% Research paper: 25%

General Education Questions

GE1 .	Does this course satisfy campus-specific General Education requirements?	
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University Graduate School Specific Questions

UGS1 a.	Is this a cross-listed course?	No
b.	Please list the cross-listed courses:	
UGS2 a.	Is this a joint-listed (combined section) course?	No
b.	Please list the joint-listed (combined section) courses:	

Student Enrollment Services

USS 1. S	Course ID:	
USS 2. S	Remonstrance List:	