

LSC Use Only Proposal No:
LSC Action-Date:

UWUCC Use Only Proposal No: 13-180
UWUCC Action-Date: App-4/8/14 Senate Action Date: App-4/29/14

Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

Contact Person(s) Karen Rose Cercone	Email Address kercrone@iup.edu
Proposing Department/Unit Geoscience	Phone 724-357- 7650

Check all appropriate lines and complete all information. Use a separate cover sheet for each course proposal and/or program proposal.

1. Course Proposals (check all that apply)

New Course Course Prefix Change Course Deletion
 Course Revision Course Number and/or Title Change Catalog Description Change

Current course prefix, number and full title: **GEOS 342 Stellar Astronomy**

Proposed course prefix, number and full title, if changing:

2. Liberal Studies Course Designations, as appropriate

This course is also proposed as a Liberal Studies Course (please mark the appropriate categories below)

Learning Skills Knowledge Area Global and Multicultural Awareness Writing Intensive (include W cover sheet)
 Liberal Studies Elective (please mark the designation(s) that applies – must meet at least one)

Global Citizenship Information Literacy Oral Communication
 Quantitative Reasoning Scientific Literacy Technological Literacy

3. Other Designations, as appropriate

Honors College Course Other: (e.g. Women's Studies, Pan African)

4. Program Proposals

Catalog Description Change Program Revision Program Title Change New Track
 New Degree Program New Minor Program Liberal Studies Requirement Changes Other

Current program name:

Proposed program name, if changing:

5. Approvals	Signature	Date
Department Curriculum Committee Chair(s)	<i>Kenneth J. Colby</i>	2/28/2014
Department Chairperson(s)	<i>SWA</i>	2/28/14
College Curriculum Committee Chair	<i>Anne Kardo</i>	3/10/14
College Dean	<i>Dean</i>	3/11/14
Director of Liberal Studies (as needed)		
Director of Honors College (as needed)		
Provost (as needed)		
Additional signature (with title) as appropriate		
UWUCC Co-Chairs	<i>Gail Seelquist</i>	4/8/14

Received

MAR 13 2014

Liberal Studies

Part II. Description of Curricular Change

1. New Catalog Description

GEOS 342 Stellar Astronomy (3c-3l-4cr)

Co-requisites: MATH 121, PHYS 111 or instructor permission

Evolution and nature of objects in the universe, including the Sun, stars, and galaxies. A study of methods for gathering astronomical data on motion, distance, and composition.

2. Summary of Proposed Change

MATH 121 and PHYS 111 are currently listed as prerequisites for this class. We want to list MATH 121 and PHYS 111 as co-requisites instead of prerequisites.

Old Catalog Description

GEOS 342 Stellar Astronomy (3c-3l-4cr)

Pre-requisites: MATH 121, PHYS 111 or instructor permission

Evolution and nature of objects in the universe, including the Sun, stars, and galaxies. A study of methods for gathering astronomical data on motion, distance, and composition.

3. Justification/rationale for the revision

Experience has shown that students co-enrolled in calculus and physics have the required background knowledge to succeed in this class. The companion astronomy class in the curriculum, GEOS 341 Planetary Geology, has MATH 121 and PHYS 111 listed as co-requisites, and our students have had not experienced any problems as a result. Listing these classes as co-requisites rather than pre-requisites will also make it easier for our students to schedule their classes and reduce their time-to-degree.