

<b>Course Bulletin Listing/Subject Area</b>	Astronomy
<b>Fiscal Unit/Academic Org</b>	Astronomy - D0614
<b>College/Academic Group</b>	Mathematical And Physical Sci
<b>Level/Career</b>	Undergraduate
<b>Course Number/Catalog</b>	1163H
<b>Course Title</b>	Relativity and Cosmology
<b>Transcript Abbreviation</b>	Relativ & Cosmolgy
<b>Course Description</b>	Origin and evolution of the Universe, based on the Theory of Relativity, including the Big Bang, cosmic microwave background, formation of cosmic structure, dark matter.
<b>Semester Credit Hours/Units</b>	Fixed: 3

## **Offering Information**

<b>Length Of Course</b>	14 Week
<b>Flexibly Scheduled Course</b>	Never
<b>Does any section of this course have a distance education component?</b>	No
<b>Grading Basis</b>	Letter Grade
<b>Repeatable</b>	No
<b>Course Components</b>	Lecture
<b>Grade Roster Component</b>	Lecture
<b>Credit Available by Exam</b>	No
<b>Admission Condition Course</b>	Yes
<b>Admission Condition</b>	Natural Science
<b>Off Campus</b>	Never
<b>Campus of Offering</b>	Columbus

## **Prerequisites and Exclusions**

<b>Prerequisites/Corequisites</b>	Astron 162, H162, 1162, or 1162H and enrollment in an honors program; or permission of department
<b>Exclusions</b>	Not open to students with credit for Astron H163, 292, or 2292

## **Cross-Listings**

Cross-Listings

## **Subject/CIP Code**

<b>Subject/CIP Code</b>	40.0201
<b>Subsidy Level</b>	General Studies Course
<b>Intended Rank</b>	Freshman, Junior, Sophomore, Senior

## **Quarters to Semesters**

<b>Quarters to Semesters</b>	Semester equivalent of a quarter course (e.g., a 5 credit hour course under quarters which becomes a 3 credit hour course under semesters)
<b>List the number and title of current course being converted</b>	Astron H163, Relativity and Cosmology

## Requirement/Elective Designation

General Education course

## Course Details

### Course goals or learning objectives/outcomes

### Content Topic List

- Origin and evolution of the universe, based on the Theory of Relativity
- the Big Bang
- cosmic microwave background
- formation of cosmic structure
- dark matter
- dark energy

## Attachments

## Comments

## Workflow Information

Status	User(s)	Date/Time	Step
Submitted	Peterson, Bradley Michael	10/21/2010 01:49 PM	Submitted for Approval
Approved	Peterson, Bradley Michael	10/21/2010 02:47 PM	Unit Approval
Revision Requested	Andereck, Claude David	11/09/2010 04:41 PM	College Approval
Submitted	Peterson, Bradley Michael	11/09/2010 05:22 PM	Submitted for Approval
Approved	Peterson, Bradley Michael	11/10/2010 09:59 AM	Unit Approval
Approved	Andereck, Claude David	11/10/2010 01:26 PM	College Approval
Pending Approval	Hanlin, Deborah Kay Vankeerbergen, Bernadette Chantal Meyers, Catherine Anne Jenkins, Mary Ellen Bigler Nolen, Dawn	11/10/2010 01:26 PM	ASCCAO Approval