

Course Bulletin Listing/Subject Area	Astronomy
Fiscal Unit/Academic Org	Astronomy - D0614
College/Academic Group	Mathematical And Physical Sci
Level/Career	Undergraduate
Course Number/Catalog	3350
Course Title	Methods of Astronomical Observation and Data Analysis
Transcript Abbreviation	Obs& Data Only
Course Description	Astronomical observational techniques and quantitative analysis of astronomical data; practical experience with modern astronomical instrumentation and computer-based reduction, analysis, and interpretation of astronomical data.
Semester Credit Hours/Units	Fixed: 3

Offering Information

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

Prerequisites and Exclusions

Prerequisites/Corequisites	Astron 162, H162, 292, 1162, 1162H, or 2292 and Math 153 or 1152 and Physics 133 or 1251
Exclusions	Not open to students with credit for Astron 350.

Cross-Listings

Cross-Listings

Subject/CIP Code

Subject/CIP Code	40.0202
Subsidy Level	Baccalaureate Course
Intended Rank	Junior, Sophomore, Senior

Quarters to Semesters

Quarters to Semesters	Semester equivalent of a quarter course (e.g., a 5 credit hour course under quarters which becomes a 3 credit hour course under semesters)
List the number and title of current course being converted	Astron 350, Methods of Astronomical Observation and Data Analysis

Requirement/Elective Designation

Required for this unit's degrees, majors, and/or minors
General Education course

Course Details

Course goals or learning
objectives/outcomes

Content Topic List

- Measurements and uncertainties.
- Spherical astronomy: celestial coordinates and time.
- Statistical treatment of experimental data.
- Astronomical data analysis.

Attachments

Comments

- Yes, 3350 is to be GE as well. *(by Peterson, Bradley Michael on 11/11/2010 02:25 PM)*
- Astronomy 350 is a GEC. We assume this course will be too. Present form does not indicate as much. *(by Vankeerbergen, Bernadette Chantal on 11/11/2010 12:36 PM)*

Workflow Information

Status	User(s)	Date/Time	Step
Submitted	Peterson, Bradley Michael	10/21/2010 01:59 PM	Submitted for Approval
Approved	Peterson, Bradley Michael	10/21/2010 02:45 PM	Unit Approval
Revision Requested	Andereck, Claude David	11/09/2010 04:42 PM	College Approval
Submitted	Peterson, Bradley Michael	11/09/2010 05:27 PM	Submitted for Approval
Revision Requested	Peterson, Bradley Michael	11/10/2010 10:04 AM	Unit Approval
Submitted	Peterson, Bradley Michael	11/10/2010 06:06 PM	Submitted for Approval
Approved	Peterson, Bradley Michael	11/10/2010 06:12 PM	Unit Approval
Approved	Andereck, Claude David	11/11/2010 09:33 AM	College Approval
Revision Requested	Vankeerbergen, Bernadette Chantal	11/11/2010 12:36 PM	ASCCAO Approval
Submitted	Peterson, Bradley Michael	11/11/2010 02:25 PM	Submitted for Approval
Approved	Peterson, Bradley Michael	11/11/2010 02:25 PM	Unit Approval
Approved	Andereck, Claude David	11/12/2010 01:41 PM	College Approval
Pending Approval	Hanlin, Deborah Kay Vankeerbergen, Bernadette Chantal Meyers, Catherine Anne Jenkins, Mary Ellen Bigler Nolen, Dawn	11/12/2010 01:41 PM	ASCCAO Approval