Term Information

Effective Term: Spring 2015
Previous Value: Summer 2012

Course Change Information

What change is being proposed? (If more than one, what changes are being proposed?)
Withdrawal

What is the rationale for the proposed change(s)?
Course is no longer needed due to redesign of preceding course in series.

What are the programmatic implications of the proposed change(s)?
(e.g. program requirements to be added or removed, changes to be made in available resources, effect on other programs that use the course)?
None. Recent revisions to the Early Childhood major removed the 5130 requirement.

Is approval of the request contingent upon the approval of other course or curricular program request? No
Is this a request to withdraw the course? Yes

General Information

Course Bulletin Listing/Subject Area: Education: Teaching & Learning
Fiscal Unit/Academic Org: School of Teaching & Learning - D1275
College/Academic Group: Education & Human Ecology
Level/Career: Graduate, Undergraduate
Course Number/Catalog: 5130
Course Title: Teaching and Learning of Science in Grades Pre-K - 3, Part II
Transcript Abbreviation: Sci PreK-3 Part II
Course Description: Facilitates an understanding of pedagogies, research, and inquiry approaches to further meet state and national science standards in grades Pre-K - 3.
Semester Credit Hours/Units: Fixed: 2

Offering Information

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

Prerequisites and Exclusions
Prerequisites/Corequisites
Prereq: 5129 (729).

Exclusions
Not open to students with credit for 743.

Cross-Listings

Subject/CIP Code

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<th>13.0101</th>
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<tr>
<td>Subsidy Level</td>
<td>Doctoral Course</td>
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Requirement/Elective Designation

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

Course Details

Course goals or learning objectives/outcomes
• Focus on methods and materials for Pre K-3, primarily on grades 1-3
• Analyze standards (National Science Education Standards and Oh Academic Content Standards, Science)
• Identify types of instructional resources
• Explore evaluation techniques

Content Topic List
• Science process skills
• State and national science education standards
• Learning cycle
• Levels of inquiry
• Physical science: magnets
• Life science: living systems and life cycles of animals
• Observational data: quantitative and qualitative
• Recording and analyzing data
• Physical science: electricity
• Using technology
• Space science: objects in the sky
• Modeling
• Physical science: properties of objects and materials
• Using children’s literature to teach science concepts
• Designing and conducting experiments
• Representing data

Attachments
Comments

* Approved by UGSC 8-29-14. (by Mercerhill,Jessica Leigh on 09/02/2014 12:31 PM)

Workflow Information

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