Term Information

Effective Term: Spring 2013
Previous Value: Summer 2012

Course Change Information

What change is being proposed? (If more than one, what changes are being proposed?)
Add semester course numbers.

What is the rationale for the proposed change(s)?
Clean-up from semester conversion.

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

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? No

General Information

Course Bulletin Listing/Subject Area: Consumer Sci: Con&Fam Fin Serv
Fiscal Unit/Academic Org: Dept Of Consumer Sciences - D1255
College/Academic Group: Education & Human Ecology
Level/Career: Undergraduate
Course Number/Catalog: 4150
Course Title: Quantitative Methods in Consumer Sciences
Transcript Abbreviation: Quant Meth in CS
Course Description: Application of data analysis to facilitate decision making with respect to consumer sciences.
Semester Credit Hours/Units: Fixed: 3

Offering Information

Length Of Course: 14 Week, 7 Week, 4 Week (May Session)
Flexibly 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, Recitation
Grade Roster Component: Lecture
Credit Available by Exam: No
Admission Condition Course: No
Off Campus: Never
Campus of Offering: Columbus, Lima

Prerequisites and Exclusions
Prerequisites/Corequisites
Prereq: ConSci 3940 (340), and Stat 1430 (133), 1350 (135), or 1450 (145), and CSE 1111 (101), 2111 (200), or 1223 (201).

Previous Value
Prereq: ConSci 3940 (340), and Stat 133, 135, or 145, and CSE 101, 200, or 201.

Exclusions
Not open to students with credit for CSCFmFnS 644.

Cross-Listings

Subject/CIP Code
Subject/CIP Code 19.0201
Subsidy Level Baccalaureate Course
Intended Rank Junior, Senior

Quarters to Semesters
Quarters to Semesters Modified or re-envisioned course that includes substantial parts of the content and learning goals of one or more quarter courses
List the current courses by number and title that are to be subsumed into proposed course CSCFmFnS 644: Quantitative Methods in Consumer Affairs.

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

Course Details
Course goals or learning objectives/outcomes
• Conduct appropriate inferential statistical tests for given purposes.
• Interpret the results of statistical tests and draw appropriate conclusions.
• Quantify uncertainty at least two ways.
• Incorporate appropriate data into simple decision making templates.

Content Topic List
• Sampling
• Means tests
• Equality of variance tests
• Independence tests
• Relationship estimation (correlation and regression)
• Forecasting techniques
• Quality control
• Risk analysis and Monte Carlo simulations
• Queues and process simulation modeling
• Linear optimization
• Non-linear optimization

Attachments
Comments

Workflow Information

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