

# FIN 149: REAL ESTATE ANALYTICS

## In Workflow

1. CBA College Committee Chair (gardner@csus.edu)
2. CBA Dean (jaydeep.balakrishnan@csus.edu)
3. Academic Services (torsetj@csus.edu; cnewsome@skymail.csus.edu)
4. Senate Curriculum Subcommittee Chair (curriculum@csus.edu)
5. Dean of Undergraduate (james.german@csus.edu; celena.showers@csus.edu)
6. Dean of Graduate (cnewsome@skymail.csus.edu)
7. Catalog Editor (torsetj@csus.edu)
8. Registrar's Office (w lindsey@csus.edu)
9. PeopleSoft (PeopleSoft@csus.edu)

## Approval Path

1. Mon, 27 Sep 2021 23:27:28 GMT  
Sharyn Gardner (gardner): Approved for CBA College Committee Chair
2. Mon, 27 Sep 2021 23:35:40 GMT  
Jaydeep Balakrishnan (jaydeep.balakrishnan): Approved for CBA Dean

## History

1. Mar 31, 2021 by Hao Lin (linh)

Date Submitted: Mon, 27 Sep 2021 23:17:48 GMT

## Viewing: FIN 149 : Real Estate Analytics

Last approved: Wed, 31 Mar 2021 14:03:22 GMT

Last edit: Mon, 27 Sep 2021 23:17:47 GMT

Changes proposed by: Hao Lin (102088972)

## Contact(s):

Name (First Last)	Email	Phone 999-999-9999
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## Catalog Title:

Real Estate Analytics

## Class Schedule Title:

Real Estate Analytics

## Academic Group: (College)

CBA - Business

## Academic Organization: (Department)

Finance, Insurance, and Real Estate

## Will this course be offered through the College of Continuing Education (CCE)?

No

## Catalog Year Effective:

Spring 2022 (2022/2023 Catalog)

## Subject Area: (prefix)

FIN - Finance

## Catalog Number: (course number)

149

## Course ID: (For administrative use only.)

154736

## Units:

3

**Is the primary purpose of this change to update the term typically offered or the enforcement of requisites at registration?**

No

**In what term(s) will this course typically be offered?**

Fall, Spring

**Does this course require a room for its final exam?**

Yes, final exam requires a room

**Does this course replace an existing experimental course?**

No

**This course complies with the credit hour policy:**

Yes

**Justification for course proposal:**

There are two changes in this proposal:

1. change the title of the course from "Current Topics in Real Estate" to "Real Estate Analytics".

Real estate is an entrepreneurial driven, risk taking land development industry. Many of the decisions related to site selection, financing, construction, acquisition, disposition of real estate is based on data analysis. The real estate analytics course will allow students to use large datasets to determine transaction prices, forecast future returns and analyze location based information system approaches for spatial visualization and business decision making.

2. Clarify the prerequisite from "BSBA major or RELU minor" to "Business Major (any concentration) or Real Estate and Land Use Minor"

**Course Description: (Not to exceed 80 words and language should conform to catalog copy.)**

Examines contemporary and emerging issues in real estate trends, space and asset market equilibrium, land use controls and regulation, market analysis, mortgage markets, property markets, real estate cycles, real estate development, real estate finance and investments, real estate securities, and/or real estate taxation. Use of computer software and applications are emphasized to understand real estate analytics and geographic information systems applications to real estate data.

**Are one or more field trips required with this course?**

No

**Fee Course?**

No

**Is this course designated as Service Learning?**

No

**Does this course require safety training?**

No

**Does this course require personal protective equipment (PPE)?**

No

**Does this course have prerequisites?**

Yes

**Prerequisite:**

FIN 19 or FIN 101; must be Business Major (any concentration) or Real Estate and Land Use Minor

**Prerequisites Enforced at Registration?**

Yes

**Does this course have corequisites?**

No

**Graded:**

Letter

**Approval required for enrollment?**

No Approval Required

**Course Component(s) and Classification(s):**

Lecture

**Lecture Classification**

CS#02 - Lecture/Discussion (K-factor=1 WTU per unit)

**Lecture Units**

3

**Is this a paired course?**

No

**Is this course crosslisted?**

No

**Can this course be repeated for credit?**

No

**Can the course be taken for credit more than once during the same term?**

No

**Description of the Expected Learning Outcomes: Describe outcomes using the following format: "Students will be able to: 1), 2), etc."**

Students will be able to

- 1) Identify the major emerging trends in real estate
- 2) Explain how space and asset markets interact to determine rents and prices
- 3) Explain how land use controls affect land values and development patterns
- 4) Use real estate analytics and geographic information systems software to derive meaningful information from data

**Assessment Strategies: A description of the assessment strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers) which will be used by the instructor to determine the extent to which students have achieved the learning outcomes noted above.**

Assessment strategies will include activities such as case studies (ELO 1-4)

**Is this course required in a degree program (major, minor, graduate degree, certificate?)**

Yes

**Has a corresponding Program Change been submitted to Workflow?**

No

**Identify the program(s) in which this course is required:****Programs:**

BS in Business Administration (Finance)

**Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer)?**

No

**Will there be any departments affected by this proposed course?**

No

**I/we as the author(s) of this course proposal agree to provide a new or updated accessibility checklist to the Dean's office prior to the semester when this course is taught utilizing the changes proposed here.**

I/we agree

**University Learning Goals****Undergraduate Learning Goals:**

Competence in the disciplines  
 Knowledge of human cultures and the physical and natural world  
 Intellectual and practical skills

**Is this course required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?**

No

**GE Course and GE Goal(s)**

**Is this a General Education (GE) course or is it being considered for GE?**

No

Key: 2252