New:

**Spring 2022**

**College of Engineering**

- ME 3194 Technology, Innovation and Humanistic Engineering for a Sustainable Future (CM-6120)
- MSE 4314 Bladesmithing (CM-6813)
- CS 3314 Programming Language Theory & Practice (CM-6901)
- ECE 4324 Microgrids (CM-6912)
- CEM 2404: Construction Project Documents (CM-6949)

**College of Liberal Arts and Human Sciences**

- CHN 3534 Business Chinese (CM-6908)
- CHN 3544 Introduction to Classical Chinese (CM-6880)
- ENGL 4204 Hybrid Forms (CM-6881)

**College of Science**

- PHYS 2254 Hello Quantum World! (CM-6913)
- PHYS 4724 Soft Matter Physics (CM-6925)

New:

**Fall 2022**

**Pamplin College of Business**

- REAL 4074 Residential Real Estate Studio (CM-6809)
Revised:

**Fall 2022**

**Pamplin College of Business**

REAL 4075-4076 Commercial Real Estate Studio (CM-6810)

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**DEGREES, MAJORS, OPTIONS, MINORS**

**Major:**

**New:**

**Effective Catalog 2022-2023**

**Pamplin College of Business**

Establishment of New Major: Commercial Development and Investment (CDI) under Degree: Bachelor of Science in Real Estate (BSRST) effective for student date of entry under UG catalog 2022-2023; first term and year to enroll: Summer 2022, first term and year to graduate: Winter 2023 (CM-6811)

Establishment of New Major: Residential Development and Investment (RDI) under Degree: Bachelor of Science in Real Estate (BSRST) effective for student date of entry under UG catalog 2022-2023; first term and year to enroll: Summer 2022, first term and year to graduate: Winter 2023 (CM-6812)

Establishment of New Major: Finance, FinTech and Big Data Analytics (FBDA) under Degree: Bachelor of Science in Business (BSBUS) effective for student date of entry under UG catalog 2022-2023; first term and year to enroll: Summer 2022, first term and year to graduate: Winter 2023 (CM-6921)

Establishment of New Major: Finance, Certified Financial Planning (CFP) Certification Education (CFPF) under Degree: Bachelor of Science in Business (BSBUS) effective for student date of entry under UG catalog 2022-2023; first term and year to enroll: Summer 2022, first term and year to graduate: Winter 2023 (CM-6922)

**Major:**

**Discontinue:**

**Effective Catalog 2022-2023**

**Pamplin College of Business**
Discontinue Major: Real Estate (REAL) under Degree: Bachelor of Science in Real Estate (BSRST); last term and year to enroll: Spring 2022, last term and year to graduate: Spring 2025 (CM-6811 and CM-6812)

**Major Concentration/Option:**

New:

**Effective Catalog 2022-2023**

**College of Science**

Establishment of New Major Concentration/Option: Geosciences (CMDG) under Degree: Bachelor of Science in Computational Modeling and Data Analytics (BSCMD), Major: Computational Modeling and Data Analytics (CMDA) (New) effective for student date of entry under UG catalog 2022-2023; first term and year to enroll: Summer 2022, first term and year to graduate: Winter 2023 (CM-6819)

**Major Concentration/Option:**

Discontinue:

**Effective Catalog 2022-2023**

**Pamplin College of Business**

Discontinue Major Concentration/Option: FinTech and Big Data Analytics (FBTA) under Degree: Bachelor of Science in Business (BSBUS), Major: Finance (FIN); last term and year to enroll: Spring 2022, last term and year to graduate: Fall 2027 (CM-6921)

Discontinue Major Concentration/Option: Certified Financial Planning (CFP) Certification Education (FCFP) under Degree: Bachelor of Science in Business (BSBUS), Major: Finance (FIN); last term and year to enroll: Spring 2022, last term and year to graduate: Fall 2027 (CM-6922)

**Minor:**

New:

**Effective Catalog 2022-2023**

**Honors College**

Establishment of New Minor: Honors Transdisciplinary Praxis (HTDP) (New) effective for student date of entry under UG catalog 2022-2023; first term and year to enroll: Summer 2022, first term and year to graduate: Winter 2025 (CM-6931)