COURSES

New:

Summer 2020

Pamplin College of Business

FIN 4255-4256 Credit Corps Lending Practicum (CM-5396)

BIT 3554 (ACIS 3554) Networks, Telecommunications and Security (CM-5435)

BIT 3514 Systems Analysis and Design (CM-5436)

Revised:

Summer 2020

College of Engineering

ECE 4534 Embedded System Design (CM-5361)

BMES 2104 Introduction to Biomedical Engineering (CM-5558)

Pamplin College of Business

MGT 2104 Careers in Management (CM-5434)

Discontinue:

Summer 2020

Pamplin College of Business

BIT 4554 Networks and Telecom (CM-5435)

ACIS 4554 Networks and Telecommunications in Business (CM-5435)

BIT 4524 Systems Development (CM-5436)
New:

**Fall 2020**

**College of Engineering**

AOE 3354 Avionics Systems (CM-5297)
CHE 4024 Unit Operations and Scale-Up (CM-5531)

**College of Liberal Arts and Human Sciences**

EDCI 3334 Teaching Language Arts in the Elementary Classroom (CM-5405)
EDCI 4554 Educating Exceptional Learners (CM-5408)
EDCT 4634 Student Assessment in Career and Technical Education (CM-5411)
EDEP 2374 Educational Psychology for PK-12 Teachers (CM-5412)
EDEP 3474 Principles and Practices in PK-12 Assessment (CM-5413)
EDCI 3244 Curriculum & Instruction in Elementary Mathematics, PK-3 (CM-5423)
EDCI 2574 Social Foundations of Education (CM-5439)
EDCI 4724 Secondary School Teaching Methods I (CM-5447)
EDCT 2604 Introduction to Career and Technical Education (CM-5448)
CMST 4214 Web Content Management Strategies (CM-5450)
EDCI 1004 Professional Dispositions in Elementary Education (CM-5456)
EDCI 3254 Elementary Methods in Science (CM-5612)
JMC 4834 Sportscenter (CM-5615)
JMC 4824 Digital Newsroom: Broadcast (CM-5616)
JMC 4814 Digital Newsroom: Online (CM-5617)

**College of Science**

ECON 3144 Economics of Regulation (CM-5414)
Revised:

Fall 2020

College of Architecture and Urban Studies
ARCH 4515-4516 Architecture V (CM-5552)

College of Engineering
ESM 3024 Introduction to Fluid Mechanics (CM-5559)

College of Science
NEUR 4514 Neuroimmunology in Health and Disease (CM-5429)

Discontinue:

Fall 2020

College of Liberal Arts and Human Sciences
JMC 4154 Digital Newsroom (CM-5616)

Degrees, Majors, Options, Minors

Degree:

New:

Graduating calendar year 2021

College of Science

Establishment of New Degree: Bachelor of Science in Behavioral Decision Science (BSBDS), Major: Behavioral Decision Science (BDS), effective for students graduating in calendar year 2021, first term and year to enroll: Fall 2020, first term and year to graduate: Spring 2021 (CM-5505)
Major:

Revised:

Graduating calendar year 2022

College of Engineering

Major: Civil Engineering (CE) under Degree: Bachelor of Science in Civil Engineering (BSCE), effective for students graduating in calendar year 2022 and for student date of entry under UG Catalog 2020-2021 (CM-5534)

Major: Biological Systems Engineering (BSE) under Degree: Bachelor of Science in Biological Systems Engineering (BSBSE), effective for students graduating in calendar year 2022 and for student date of entry under UG Catalog 2020-2021 (CM-5560)

College of Liberal Arts and Human Sciences

Major: German (GER) under Degree: Bachelor of Arts in Foreign Languages (BAFL), effective for students graduating in calendar year 2022 and for student date of entry under UG Catalog 2020-2021 (CM-5339)

College of Science

Major: Chemistry (CHEM) under Degree: Bachelor of Arts in Chemistry (BACHM), effective for students graduating in calendar year 2022 and for student date of entry under UG Catalog 2020-2021 (CM-5474)

Major: Computational Modeling and Data Analytics (CMDA) under Degree: Bachelor of Science in Computational Modeling and Data Analytics (BSCMD), effective for students graduating in calendar year 2022 and for student date of entry under UG Catalog 2020-2021 (CM-5477)

Major: Physics (PHYS) under Degree: Bachelor of Arts (BA), effective for students graduating in calendar year 2022 and for student date of entry under UG Catalog 2020-2021 (CM-5593)

Major: Physics (PHYS) under Degree: Bachelor of Science (BS), effective for students graduating in calendar year 2022 and for student date of entry under UG Catalog 2020-2021 (CM-5598)
**Major Concentration/Options:**

**Revised:**

**Graduating calendar year 2022**

**College of Science**

Major Concentration/Option: Biological Sciences (CMDB) under Degree: Bachelor of Science in Computational Modeling and Data Analytics (BSCMD), Major: Computational Modeling and Data Analytics (CMDA), effective for students graduating in calendar year 2022 and for student date of entry under UG Catalog 2020-2021 (CM-5478)

Major Concentration/Option: Economics (CMDE) under Degree: Bachelor of Science in Computational Modeling and Data Analytics (BSCMD), Major: Computational Modeling and Data Analytics (CMDA), effective for students graduating in calendar year 2022 and for student date of entry under UG Catalog 2020-2021 (CM-5479)

Major Concentration/Option: Physics (CMDP) under Degree: Bachelor of Science in Computational Modeling and Data Analytics (BSCMD), Major: Computational Modeling and Data Analytics (CMDA), effective for students graduating in calendar year 2022 and for student date of entry under UG Catalog 2020-2021 (CM-5480)

Major Concentration/Option: Physics Education (PHYE) under Degree: Bachelor of Arts (BA), Major: Physics (PHYS), effective for students graduating in calendar year 2022 and for student date of entry under UG Catalog 2020-2021 (CM-5594)

Major Concentration/Option: Pre-Health (PREH) under Degree: Bachelor of Arts (BA), Major: Physics (PHYS), effective for students graduating in calendar year 2022 and for student date of entry under UG Catalog 2020-2021 (CM-5595)

Major Concentration/Option: Pre-Law (PRLW) under Degree: Bachelor of Arts (BA), Major: Physics (PHYS), effective for students graduating in calendar year 2022 and for student date of entry under UG Catalog 2020-2021 (CM-5597)

**Minor:**

**New:**

**Effective Graduating Calendar Year 2022**

**College of Agriculture and Life Sciences**

Establishment of New Minor: Teaching and Learning in Agriculture (TLAG), effective for students graduating in calendar year 2022 and for student date of entry under UG Catalog 2020-2021, first term and year to enroll: Fall 2020, first term and year to graduate: Winter 2022 (CM-5462)