

**REPORT**  
**UNDERGRADUATE CURRICULUM COMMITTEE**  
**FEBRUARY 14, 2020**  
**230 STUDENT SERVICES BUILDING, 2:00 PM**

**FOR “FIRST AND SECOND READING”**  
**UNANIMOUS APPROVAL**

**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)

<b>DEGREES, MAJORS, OPTIONS, MINORS</b>
---

**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)