

REPORT
UNDERGRADUATE CURRICULUM COMMITTEE
FEBRUARY 9, 2018
230 STUDENT SERVICES BUILDING, 2:00 – 3:58 PM

FOR “FIRST AND SECOND READING”
UNANIMOUS APPROVAL

COURSES

New:

Fall 2018

College of Agriculture and Life Sciences

DASC 1464 Dairy Cattle Handling (CM-3980)

HORT 4064 Soil Microbiology (CM-3970)

College of Architecture and Urban Studies

SPIA 4454 Future of Cities (CM-3815)

Pamplin College of Business

FIN 3254 Credit Risk Analysis (CM-3901)

College of Science

BIOL 3804 Principles of Biology Teaching Assistant (CM-3963)

NEUR 3844 Computational Neuroscience and Neural Engineering (CM-3937)

PHYS 4254 Quantum Information Technologies (CM-3849)

Spring 2019

College of Liberal Arts and Human Sciences

CONS 4304 Advanced Consumer and Family Finances (CM-3979)

Revised:

Fall 2018

College of Science

MATH 1614 Numbers and Operations for Teachers (CM-3929)

MATH 1624 Geometry for Teachers (CM-3930)

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

DEGREES, MAJORS, OPTIONS, MINORS

Degree:

Discontinue:

Effective Graduating Calendar Year 2021

College of Architecture and Urban Studies

With approval of new Major: Environmental Policy and Planning (EPP) under Degree: Bachelor of Arts in Public and Urban Affairs (BAPUA), **discontinue** Degree: Bachelor of Science (BS), Major: Environmental Policy and Planning (EPP), last term and year to graduate: Fall 2021 (CM-3881).

Major:

New:

Effective Graduating Calendar Year 2020

College of Architecture and Urban Studies

Establishment of New Major: Environmental Policy and Planning (EPP) under Degree: Bachelor of Arts in Public and Urban Affairs (BAPUA), first term to declare major: Fall 2018, first term and year to graduate: Winter 2020 (CM-3881).

Checksheet: Degree: Bachelor of Arts in Public and Urban Affairs (BAPUA), Major: Environmental Policy and Planning (EPP) (CM-3881).

College of Engineering

Establishment of New Major: Chip-Scale Integration (CPI) under Degree: Bachelor of Science in Computer Engineering (BSCPE), first term to declare major: Spring 2018, first term and year to graduate: Winter 2020 (CM-3989).

Checksheet: Degree: Bachelor of Science in Computer Engineering (BSCPE), Major: Chip-Scale Integration (CPI) (CM-3989).

Establishment of New Major: Controls, Robotics & Autonomy (CRA) under Degree: Bachelor of Science in Computer Engineering (BSCPE), first term to declare major: Spring 2018, first term and year to graduate: Winter 2020 (CM-3990).

Checksheet: Degree: Bachelor of Science in Computer Engineering (BSCPE), Controls, Robotics & Autonomy (CRA) (CM-3990).

Establishment of New Major: Machine Learning (MCHL) under Degree: Bachelor of Science in Computer Engineering (BSCPE), first term to declare major: Spring 2018, first term and year to graduate: Winter 2020 (CM-3991).

Checksheet: Degree: Bachelor of Science in Computer Engineering (BSCPE), Major: Machine Learning (MCHL) (CM-3991).

Establishment of New Major: Networking & Cybersecurity (NWCS) under Degree: Bachelor of Science in Computer Engineering (BSCPE), first term to declare major: Spring 2018, first term and year to graduate: Winter 2020 (CM-3992).

Checksheet: Degree: Bachelor of Science in Computer Engineering (BSCPE), Major: Networking & Cybersecurity (NWCS) (CM-3992).

Establishment of New Major: Software Systems (SFTW) under Degree: Bachelor of Science in Computer Engineering (BSCPE), first term to declare major: Spring 2018, first term and year to graduate: Winter 2020 (CM-3993).

Checksheet: Degree: Bachelor of Science in Computer Engineering (BSCPE), Major: Software Systems (SFTW) (CM-3993).

Establishment of New Major: Communications & Networking (CMNW) under Degree: Bachelor of Science in Electrical Engineering (BSEE), first term to declare major: Spring 2018, first term and year to graduate: Winter 2020 (CM-3994).

Checksheet: Degree: Bachelor of Science in Electrical Engineering (BSEE), Major: Communications & Networking (CMNW) (CM-3994).

Establishment of New Major: Controls, Robotics & Autonomy (ECRA) under Degree: Bachelor of Science in Electrical Engineering (BSEE), first term to declare major: Spring 2018, first term and year to graduate: Winter 2020 (CM-3995).

Checksheet: Degree: Bachelor of Science in Electrical Engineering (BSEE), Major: Controls, Robotics & Autonomy (ECRA) (CM-3995).

Establishment of New Major: Energy & Power Electronics Systems (ERES) under Degree: Bachelor of Science in Electrical Engineering (BSEE), first term to declare major: Spring 2018, first term and year to graduate: Winter 2020 (CM-3996).

Checksheet: Degree: Bachelor of Science in Electrical Engineering (BSEE), Major: Energy & Power Electronics Systems (ERES) (CM-3996).

Establishment of New Major: Micro/Nanosystems (MNSY) under Degree: Bachelor of Science in Electrical Engineering (BSEE), first term to declare major: Spring 2018, first term and year to graduate: Winter 2020 (CM-3997).

Checksheet: Degree: Bachelor of Science in Electrical Engineering (BSEE), Major: Micro/Nanosystems (MNSY) (CM-3997).

Establishment of New Major: Photonics (PHTN) under Degree: Bachelor of Science in Electrical Engineering (BSEE), first term to declare major: Spring 2018, first term and year to graduate: Winter 2020 (CM-3998).

Checksheet: Degree: Bachelor of Science in Electrical Engineering (BSEE), Major: Photonics (PHTN) (CM-3998).

Establishment of New Major: Radio Frequency & Microwave (RFMW) under Degree: Bachelor of Science in Electrical Engineering (BSEE), first term to declare major: Spring 2018, first term and year to graduate: Winter 2020 (CM-3999).

Checksheet: Degree: Bachelor of Science in Electrical Engineering (BSEE), Major: Radio Frequency & Microwave (RFMW) (CM-3999).

Establishment of New Major: Space Systems (SPCS) under Degree: Bachelor of Science in Electrical Engineering (BSEE), first term to declare major: Spring 2018, first term and year to graduate: Winter 2020 (CM-4000).

Degree: Bachelor of Science in Electrical Engineering (BSEE), Major: Space Systems (SPCS) (CM-4000).

Revised:

Effective Graduating Calendar Year 2020

College of Engineering

Checksheet: Degree: Bachelor of Science in Computer Engineering (BSCPE),
Major: Computer Engineering (CPE) (CM-3987).

Checksheet: Degree: Bachelor of Science in Electrical Engineering (BSEE),
Major: Electrical Engineering (EE) (CM-3988).

Option:

New:

Effective Graduating Calendar Year 2019

Pamplin College of Business

Establishment of New Option: Real Estate Finance (RELF) under Degree:
Bachelor of Science in Business (BSBUS), Major: Finance (FIN), first effective
date to declare option: Spring 2018; first effective date to graduate: Winter 2019
(CM-3836).

Checksheet: Degree: Bachelor of Science in Business (BSBUS), Major:
Finance (FIN), Option: Real Estate Finance (RELF) (CM-3836).

Discontinue:

Effective Graduating Calendar Year 2020

Pamplin College of Business

Information Systems (ISO) under Degree: Bachelor of Science in Business
(BSBUS), Major: Accounting and Information Systems (ACIS), last term and
year to graduate: Fall 2020 (CM-3939).

Minor:

Revised:

Effective Graduating Calendar Year 2020

College of Architecture and Urban Studies

Checksheet: Minor: Environmental Policy and Planning (EPP) (CM-3879).

College of Natural Resources and Environment

Checksheet: Minor: Natural Resource Recreation (NRR) (CM-3859).

Rename:

Effective Graduating Calendar Year 2020

College of Natural Resources and Environment

Minor: Urban and Community Forestry (UACF), first effective date to graduate: Winter 2020 (CM-3858).

With approval of new minor name, “Urban and Community Forestry (UACF),” **discontinue** minor name, “Urban Forestry (URBF),” last term and year to graduate: Fall 2019 (CM-3858).

Checksheet: Minor: Urban and Community Forestry (UACF), first effective date to graduate: Winter 2020 (CM-3858).