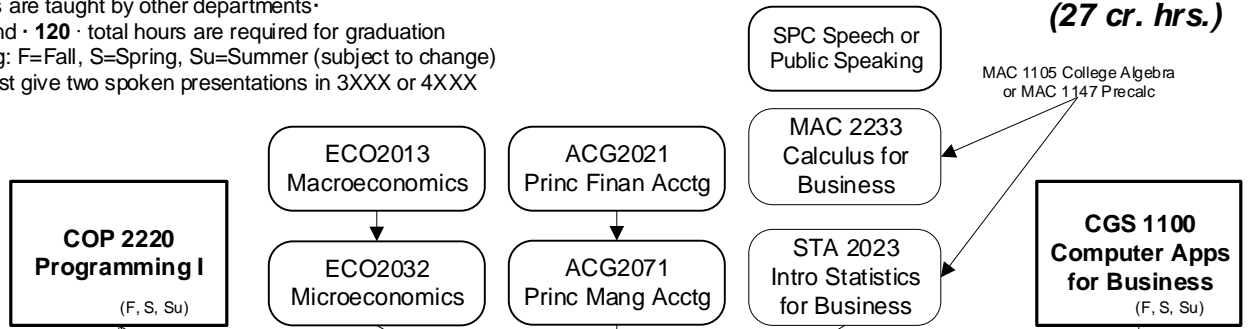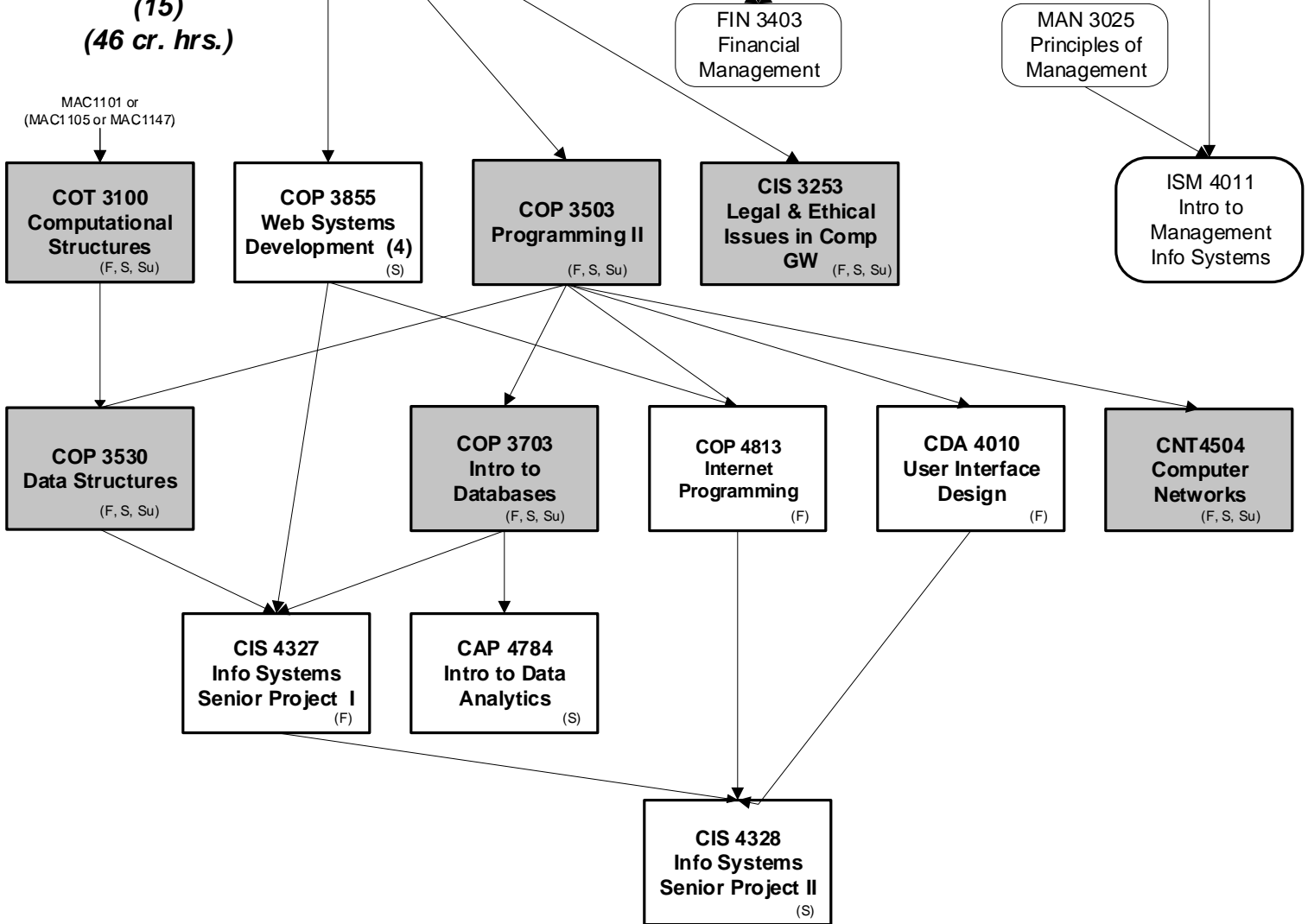# Information Systems [Spring 2020 Catalog]

- Arrows indicate prerequisite course(s)·
- All courses are 3 credit hours unless otherwise indicated·
- Shaded courses are Computing common core courses
- Rounded corner courses are taught by other departments·
- **58** · upper level hours and **120** · total hours are required for graduation
- Pattern of typical offering: F=Fall, S=Spring, Su=Summer (subject to change)
- **Exit Requirement**· : Must give two spoken presentations in 3XXX or 4XXX Computing courses.

Requisites & Prerequisites - (9) (27 cr. hrs.)

SPC Speech or Public Speaking

MAC 1105 College Algebra or MAC 1147 Precalc

ECO2013 Macroeconomics

ACG2021 Princ Finan Acctg

MAC 2233 Calculus for Business

CGS 1100 Computer Apps for Business (F, S, Su)

ECO2032 Microeconomics

ACG2071 Princ Mang Acctg

STA 2023 Intro Statistics for Business

COP 2220 Programming I (F, S, Su)

FIN 3403 Financial Management

MAN 3025 Principles of Management

Common Core & Major Requirements - (15) (46 cr. hrs.)

MAC1101 or (MAC1105 or MAC1147)

COT 3100 Computational Structures (F, S, Su)

COP 3855 Web Systems Development (4) (S)

COP 3503 Programming II (F, S, Su)

CIS 3253 Legal & Ethical Issues in Comp GW (F, S, Su)

ISM 4011 Intro to Management Info Systems

COP 3530 Data Structures (F, S, Su)

COP 3703 Intro to Databases (F, S, Su)

COP 4813 Internet Programming (F)

CDA 4010 User Interface Design (F)

CNT4504 Computer Networks (F, S, Su)

CIS 4327 Info Systems Senior Project I (F)

CAP 4784 Intro to Data Analytics (S)

CIS 4328 Info Systems Senior Project II (S)

Major Electives (4) (12 cr. hrs.)

Select 9 credits of the following

Any 3XXX or 4XXX CAP/CDA/CEN/ CIS/CNT/COP/COT	Any 3XXX or 4XXX CAP/CDA/CEN/ CIS/CNT/COP/COT	Any 3XXX or 4XXX CAP/CDA/CEN/ CIS/CNT/COP/COT

Select 3 credits of the following

MAN3504 Operations Mgmt	BUL 3130 Legal Environment of Business	MAR 3023 Principles of Marketing

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CIS - Information Systems [Fall 2020 Catalog]

- Requisite and Prerequisites – (9) (27 credit hours)
- All courses are 3 credit hours unless otherwise indicated
- 58 upper level hours and 120 total hours are required for graduation
- Exit Requirement: Must give two spoken presentations in 3XXX or 4XXX Computing courses.

- Speech or Public Speaking (SPC prefix); taught by another department
- MAC2233 Calculus for Business; taught by another department; Prerequisites: MAC1105 or MAC1147
- STA2023 Intro to Stats for Business; taught by another department; Prerequisites: MAC1105 or MAC1147
- ACG2021 Princ Finan Acctg; taught by another department
- ACG2071 Princ Mang Acctg; taught by another department; Prerequisites: ACG2021 Princ Finan Acctg
- ECO2013 Macroeconomics; taught by another department
- ECO2032 Microeconomics; taught by another department; Prerequisites: ECO2013 Macroeconomics
- CGS1100 Computer Aps for Business; fall, spring and summer
- COP2220 Programming I; fall, spring and summer
- COT3100 Computational Structures; fall, spring and summer; Computing Common Core; Prerequisites: MAC1101 or MAC1105 or MAC1147
- CIS3253 Legal & Ethical Issues in Computing; fall, spring and summer; Computing Common Core; Prerequisites: COP2220 Programming I
- COP3503 Programming II; fall, spring and summer; Computing Common Core; Prerequisites: COP2220 Programming I
- COP3855 Web Systems Development; 4 credits; spring; Prerequisites: COP2220 Programming I
- MAN3025 Administrative Management; taught by another department
- ISM4011 Intro to Management Info Systems; taught by another department; Prerequisites: MAN3025 Administrative Management and CGS1100 Computer Apps for Business
- COP3530 Data Structures; fall, spring and summer; Computing Common Core; Prerequisites: COT3100 Computational Structures and COP3503 Programming II
- CNT4504 Computer Networks; fall, spring and summer; Computing Common Core; Prerequisites: COP3503 Programming II
- COP3703 Intro to Databases; fall, spring and summer; Computing Common Core; Prerequisites: COP3503 Programming II
- COP4813 Internet Programming; fall; Prerequisites: COP3855 Web Systems Development and COP3503 Programming II
- CDA4010 User Interface Design; fall; Prerequisites: COP3503 Programming II
- CAP4784 Intro to Data Analytics; spring; Prerequisites: COP3703 Intro to Databases
- CIS4327 Info Systems Senior Project I; fall; Prerequisites: COP3530 Data Structures and COP3855 Web Systems Development and COP3703 Intro to Databases
- CIS4328 Info Systems Senior Project II; spring; Prerequisites: CIS4327 Info Systems Senior Project I and CDA4010 User Interface Design
- Electives taught by another department; Any 3 Credits of the following: MAN3504 Operations Mgmt or BUL3130 Legal Env of Business or MAR3023 Principles of Marketing
- Electives: Any 9 credits at the 3XXX or 4XXX level with the following prefixes: CAP, CDA, CEN, CIS, CNT, COP or COT