Computer Science with a concentration in Application Development Major
Bachelor of Science (2023- 2024 start)

FIRST YEAR-SEMESTER #1

NLP 106 Introduction to Secondary Research Methods	3
NLP 120 Principles of NLP Programming I	3
COM 100/ENG 101	3
CORE 115	3
MTH 193 Calculus I	4

SECOND YEAR-SEMESTER #1

NLP 105 Introduction to Ling. for Computer Scientists	3
NLP 230 Applications of Database Design & Development	3
SOC 103	3
Core requirement	3
Core requirement	3
CED 220^ Found. of Profession.	1

THIRD YEAR-SEMESTER #1

INF 255 Client-Side Scripting	3
INF 256 Server-Side Scripting	3
INF 270 Intro to Mobile App Development	3
Core science requirement	4
Core requirement	3

FOURTH YEAR-SEMESTER #1

INF 380 Operating Systems	3
INF 396/INF 466/ or CED 394	0-3
NLP 350 Applied Social Computing	3
OR INF 400 Senior Research*	1
Elective	3
Elective	3

FIRST YEAR- SEMESTER #2

NLP 126 Introduction to Primary Research Methods	3
NLP 221 Principles of NLP Programming II	3
COM 100/ENG 101	3
Core requirement	3
Core requirement	3

SECOND YEAR-SEMESTER #2

NLP 125 Introduction to Language & Computers	3
NLP 250 Web Fundamentals & NLP Programming	3
MTH 320 Probability/Statistics	4
Core requirement	3
Core requirement	3

THIRD YEAR-SEMESTER #2

INF 325 Networks	3
INF 355 Advanced Client-Side Scripting	3
INF 356 Advanced Server-Side Scripting	3
Core requirement	3
Elective	3

FOURTH YEAR-SEMESTER #2

Core Capstone	3
INF 331 Applied Databases	3
INF 400*	1
Elective	3
Elective	3

UNIVERSITY CORE

COMMON GOOD

CORE 115 Common Ground	Code COR
Justice & the Common Good	Code JCG
Ethics	Code CE
Experiential Learning	Code EXP
Core Capstone	Code CCP

HUMANITIES

Speech (COM 100)	Code C
Writing (ENG 101)	Code C
Literature (ENG)	Code CL
Art or Music	Code CAM
History	Code CH
Religious Studies	Code CR
Philosophy	Code CP

SCIENCES

Biology/Chemistry/Physics + Lab	Code CN
Mathematics	Code CMA
SOC 103 Our Social World	Code CS

Choose one discipline:

ECO 212 Microeconomics	Code CEP
PSY 103 Psychology	Code CEP

NOTES

^CED 220 required for cooperative education option
120 credits hours minimum needed to graduate.

*Students must complete either one section of NLP 350 or two sections of INF 400 during the academic year.

Curriculum Guide does not replace advising by a faculty member within the Computing department.

Students cannot double major in Computer Science: Social Computing and Computer Science: Application Development.