



Computer Science – Artificial Intelligence Major - Bachelor of Science

<u>FIRST YEAR-SEMESTER #1</u>	<u>FIRST YEAR- SEMESTER #2</u>	<u>UNIVERSITY CORE</u>
NLP 105/MTH 107 Practical AI & Comps I 3 NLP 120 Python Programming I 3 COM 100/ENG 101 3 CORE 115 Common Ground 3 ETH:PHI 241 Ethics & Soc in AI 3	NLP 125 Practical AI & Comps II 3 NLP 221 Python Programming II 3 COM 100/ENG 101 3 MTH 185 Precalculus# 3 SOC 103 Our Social World 3	<p style="text-align: center;">COMMON GOOD</p> CORE 115 Common Ground Code COR Justice & the Common Good Code JCG Ethics Code CE Experiential Learning Code EXP Core Capstone Code CCP <p style="text-align: center;">HUMANITIES</p> 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 <p style="text-align: center;">SCIENCES</p> Biology/Chemistry/Physics + Lab Code CN Mathematics Code CMA SOC 103 Our Social World Code CS <p style="text-align: center;">Choose one discipline:</p> ECO 212 Microeconomics Code CEP PSY 103 Psychology Code CEP
<u>SECOND YEAR-SEMESTER #1</u>	<u>SECOND YEAR-SEMESTER #2</u>	
NLP 106 Introduction to Research: Understanding Stakeholders I 3 NLP 230 Databases & Data I 3 MTH 174 Statistics 3 Core requirement 3 Core requirement 3 CED 220^ Found. of Profession. 1	NLP 126 Introduction to Research: Understanding Stakeholders II 3 NLP 250 Web Design & Develop I 3 MTH 193 Calculus 3 INF 331 Databases & Data II 3 NLP 435 Data Visual & Dashboard 3	
<u>THIRD YEAR-SEMESTER #1</u>	<u>THIRD YEAR-SEMESTER #2</u>	
INF 325 Networking 3 INF 378 AI & Machine Learning 3 Core science requirement 4 Computer Science elective 3 Computer Science elective 3	INF 440 Applied AI Tools 3 INF 445 Intro to AI Applications 3 Core requirement 3 Core requirement 3 Computer Science elective 3	
<u>FOURTH YEAR-SEMESTER #1</u>	<u>FOURTH YEAR-SEMESTER #2</u>	
INF 380 Operating Systems 3 NLP 350 Applied Social Comp/INF 400* AI Capstone 2-3 NLP 445 Conversational AI 3 NLP XXX Careers in AI & Tech 3 Elective 3	Core Capstone 3 INF 400* AI Capstone/NLP 350 Applied Social Comp/Co-op 2-3 Elective 3 Elective 3	<p style="text-align: center;">NOTES</p> ^CED 220 required for cooperative education option 120 credit hours minimum needed to graduate #Students can test out of Precalculus (MTH 187) and the course can be replaced with any available MTH 200 or above course that is not required *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.