



CURRICULUM GUIDE WORKSHEET

Computer Science – AI & Machine Learning

Bachelor of Science - 42 hrs

Name: _____

Catalogue Year: _____

Minor: _____

Freshman (Fall)

<input checked="" type="checkbox"/> Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> CSC 115	Introduction to Computer Science	3	_____
<input type="checkbox"/> MAT 209	Matrix Algebra	3	_____
<input type="checkbox"/> CHR 111	Old Testament Survey	3	_____
<input type="checkbox"/> ENG 111	Written Composition I	3	_____
<input type="checkbox"/> COM 112 or 235	Public or Interpersonal Communications	3	_____
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Review Registration on Student Planning / Self-Service

Freshman (Spring)

<input checked="" type="checkbox"/> Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> CSC 125	Programming in Python	3	_____
<input type="checkbox"/> CHR 112	New Testament Survey	3	_____
<input type="checkbox"/> ENG 112	Written Composition II	3	_____
<input type="checkbox"/> General Core ¹	Social Science Core	3	_____
<input type="checkbox"/> BIO ²	Biology Core	4	_____
		16	

Sophomore (Fall)

<input checked="" type="checkbox"/> Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> CSC 226	Intro AI & Machine Learning	3	_____
<input type="checkbox"/> CSC 235	Cyber Ethics	3	_____
<input type="checkbox"/> CSC 255	Programming in C#	3	_____
<input type="checkbox"/> MAT 211 ³	Calculus I	4	_____
<input type="checkbox"/> ENG 201 or 202	World Literature I or II	3	_____
		16	

Declare minor with Dean, Arts & Sciences (optional)

Sophomore (Spring)

<input checked="" type="checkbox"/> Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> CSC 247/TBD	Data Analytics / 2 nd Major / Minor / Elective	3	_____
<input type="checkbox"/> CSC 275	Data Structures and Algorithms	3	_____
<input type="checkbox"/> CSC 321	Database Management Systems	3	_____
<input type="checkbox"/> CSC 326	AI & Machine Learning in Practice	3	_____
<input type="checkbox"/> MAT 205	Discrete Mathematics	3	_____
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¹ Select one: PSY 213, SOC 211, PHL 240, PSC 211, HON 210, ECF 211 or 212

² Select one: BIO 100, BIO 110, BIO 112

³ Take the Calculus Readiness Test (MAT-000PT) to check whether to take Pre-Calc (116) or Calc

Junior (Fall)

<input checked="" type="checkbox"/> Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> CSC 337	Data Visualizations	3	_____
<input type="checkbox"/> CSC 365	Data Communications and Networking	3	_____
<input type="checkbox"/> ART 210	Arts in Western Civilization	3	_____
<input type="checkbox"/> CHE/PHY ⁴	Chemistry/Physics Core	4	_____
<input type="checkbox"/> HIS 101	World Civilization to 18 th Century	3	_____
		16	

Apply for Junior Audit after completing 72 credit hours

Junior (Spring)

<input checked="" type="checkbox"/> Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> CSC 329/CSC xxx	Parallel Computing or CSC Elective	3	_____
<input type="checkbox"/> CSC 410	AI & Machine Learning	3	_____
<input type="checkbox"/> CSC 488	Seminar I	3	_____
<input type="checkbox"/> PSY/SOC	PSY or SOC Elective (Additional Program Requirements)	3	_____
<input type="checkbox"/> PEWS 100	Fitness for Health	1	_____
<input type="checkbox"/> HIS 102	World Civilization from 18 th Century	3	_____
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Junior (Summer) Optional

<input checked="" type="checkbox"/> Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> CSC 485	Internship in Computer Science (Optional)	1-3	_____

Senior (Fall)

<input checked="" type="checkbox"/> Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> CSC 413	Application of AI & Machine Learning	3	_____
<input type="checkbox"/> CSC 498	Seminar II	3	_____
<input type="checkbox"/> PSY/SOC	PSY or SOC Elective (Additional Program Requirements)	3	_____
<input type="checkbox"/> TBD	2 nd Major / Minor / Elective	3	_____
<input type="checkbox"/> TBD	2 nd Major / Minor / Elective	3	_____
		15	

Apply for Graduation

Senior (Spring)

<input checked="" type="checkbox"/> Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> CSC 425	Operating Systems	3	_____
<input type="checkbox"/> CSC 3xx or 4xx	CSC Upper-Level Elective	3	_____
<input type="checkbox"/> TBD	2 nd Major / Minor / Elective	3	_____
<input type="checkbox"/> TBD	2 nd Major / Minor / Elective	3	_____
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*A minimum of 36 upper-level (300 and 400 level) hours is required. The degree must meet a minimum of 120 hours.

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⁴ Select one: PHY111, PHY 213, CHE 105, CHE 111