



Recommended Course Sequence

First Semester - _____ 20 _____

Required Courses	Credit Hours	Semester Taken	Notes
AIL 1101 – AIL Program Orientation	1		
AIL 1113 – Foundations in Industry Leadership	3		
AIL 1213 – Funding the Industrial Enterprise	3		
CS 2103 – Advanced Computer Concepts & Applications for Industry	3		
NSCI 1113 – Nutrition or HHP – Introduction to Personal Health (3-credit hour SCIENCE)*	3		

Second Semester – _____ 20 _____

Required Courses	Credit Hours	Semester Taken	Notes
AIL 3213 – Human Resource Management	3		
AIL 3233 – Applied Human Resource Management	3		
AIL 3413 – Industry Operations Management	3		
AIL 3433 – Applied Industry Operations Management	3		
3-credit hour Focus Area course (see Focus Areas below)	3		

Third Semester – _____ 20 _____

Required Courses	Credit Hours	Semester Taken	Notes
AIL 4113 – Advanced Law and Business Ethics	3		
AIL 4133 – Applied Advanced Law and Business Ethics	3		
3-credit hour Focus Area course (see Focus Areas below)	3		
PHIL 1213 – Ethics (3-hour Humanities)*	3		
ENGL 3323 – Technical Writing III (Upper-Division Elective)*	3		

Fourth Semester – _____ 20 _____

Required Courses	Credit Hours	Semester Taken	Notes
AIL 4313 – Industry Expansion	3		
AIL 4333 – Applied Industry Expansion	3		
3-credit hour Focus Area course (see Focus Areas below)	3		
MATH 1493 – Math for Critical Thinking (3-credit hour MATH) or BIOL 1014 – Biology for Non-Majors (4-credit hour SCIENCE)*	3 or 4		

Fifth Semester – _____ 20 _____

Required Courses	Credit Hours	Semester Taken	Notes
AIL 4904 - Capstone	4		
3-credit hour Focus Area course (see Focus Areas below)	3		
SPCH 1113 – Introduction to Speech Communications or SPCH 2323 – Small Group Communications (3-credit hour Speech)*	3		
HUM 1013 – Humanities I (3-credit hour HUMANITIES)*	3		

Focus Area: Data Analytics for Industry Professionals

AIL 3103 – Data Basics for Industry
AIL 3113 – Transforming Data Into Action
AIL 4143 – Data Visualization Principles
AIL 4153 – Ethical Data Leadership

Focus Area: Health Management

AIL 3243 – Introduction to Healthcare Management
AIL 3253 – Healthcare Management & Finance
AIL 4203 – Healthcare Issues in Diverse Populations
AIL 4213 – Healthcare Quality & Safety

Focus Area: Strategic Business Leadership

AIL 3303 – Strategic Financial Leadership
AIL 3313 – Business Operations Strategy
AIL 4303 – Business Marketing Strategies
AIL 4323 – Advanced Talent and Organizational Leadership

*Common General Education Courses – This list is subjective based on the credit hours that students bring with their AAS degree + excess credit (which is common).

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