

OSCM Curriculum Map

Courses and Activities Mapped to BS is Operations & Supply Chain Mgmt Outcomes Set

Supply Chains Students will develop a framework to design and analyze global supply chains that meet or exceed customer quality, deliver, cost and service requirements.	Business Analytics Students will apply the processes and tools of business analytics to a wide range of problems to support informed decision making.	Information Flow Given a specific customer need, interpret the critical importance of information flow in a global supply chain and its impact on operations, logistics, and supply chain management.	Direct Experience Through direct experience in an organization, apply the concepts and methods of Operations and Supply Chain Management to a significant decision facing the organization.	
Develop a Supply Chain Framework Essay exam question or project	Apply Problem Solving Methods Students will be evaluated on their ability to solve a realistic case study problem	Evaluate Importance of Information Flow Case study, assignment or project in OSCM 490	Apply Methods in a Real Organization; Discipline Knowledge Internship or OSCM 445/445EL	Apply Methods in a Real Organization; Professional Skills Supervisor or industry contact evaluation of student

Courses and Learning Activities				
BUS 205 Stat I		I		
BUS 305 Stat II		I		
BUS 351 Intro to Ops	I	P	I	I
OSCM 300 Intro to SCM	I			
OSCM 310 Intro to Bus Analytics		R	I	
OSCM 320 Problem Solving with Spreadsheets		R	I	
OSCM 439 Internship				R
OSCM 445 Process Improvement	P	R		R

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OSCM 490 Global Supply Chains	R	P	R		
OSCM 425 Forecasting Elective		P	P	P	P
OSCM 435 Decision Modeling Elective		R	P		
OSCM 455 Global Sourcing Elective	P	P	P		
OSCM 465 Service Ops Elective	P	R	P		
OSCM 475 SAP elective		P	R	I	I

Legend: **I** Introduced **P** Practiced **R** Reinforced

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OMA Curriculum Map

Courses and Activities Mapped to BS in Operations Mgt & Analysis Outcome Set

OMA Program Competencies					
Students will demonstrate competencies in Operations Management & Analysis.					
<p>Outcome 1: Statistical analysis</p> <p>A solid understanding of statistical analysis and its use in decision making.</p>	<p>Outcome 2: Fundamental ability to solve problems</p> <p>A fundamental ability to solve problems using analytical tools, and to communicate those solutions to the decision maker.</p>	<p>Outcome 3: Knowledge of issues facing companies</p> <p>3. A fundamental knowledge of issues facing companies from the operations viewpoint, such as</p> <ul style="list-style-type: none"> A. Inventory analysis and planning (e.g., MPS and MRP) B. Capacity analysis and planning C. Production activity control (PAC) concepts D. Supply chain management E. Global operations management 	<p>Outcome 4: Familiarity with SAP</p> <p>A familiarity with SAP and how enterprise resource solutions aid in the efficiency of operations, logistics, and supply chain management.</p>	<p>Outcome 5: Operational function of a company</p> <p>Hands-on experience at examining and describing the operational function of a company (either manufacturing or service).</p>	<p>Outcome 6: Business functional areas</p> <p>A fundamental understanding of how different business functional areas interact with the operations function, and how the integration of all functions across a business leads to efficiency improvements.</p>

Courses and Learning Activities

OMA 435 OMA 435 Case Study		R				
OMA 405 OMA 405 Final Exam	R					

Legend: I Introduced P Practiced R Reinforced

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