



Health and Humanitarian Supply Chain Management

Transforming systems to improve lives.

The professional certificate program in Health & Humanitarian Supply Chain Management encompasses a broad range of activities related to preparing for, responding to, and recovering from natural and man-made disasters as well as ongoing humanitarian crises due to war, famine, infectious disease and chronic health challenges. For health and humanitarian organizations in particular, inefficiencies in preparation, response, or recovery can result in grave unintended consequences, including the loss of lives. These supply chain management and other logistical challenges require specific knowledge and training for effective health and humanitarian operations.

Value of the Program

Attendees will:

- › Provide immediate impact to their organization through learnings gained from applied, real-world case studies
- › Interact with others from NGOs, private industry, and/or government entities, enhancing collaboration, cooperation, and communication
- › Build a critical knowledge base to apply analytical models to aid in supply chain management decisions such as forecasting, inventory management, and distribution
- › Develop strategies for the management and allocation of scarce resources accounting for specific product characteristics and supply chain network structure
- › Deliver best-practices for improving system outcomes of humanitarian relief efforts through coordination and collaboration among strategic partners
- › Ultimately transform global health and humanitarian operations through improved planning and strategic decision making for effective supply chain management

“ The course enlightened me in many aspects of the humanitarian supply chain process. The forecasting and decision making tools will provide me with a lot of opportunities to optimize both processes and supply chains. –Sanne Wijnhorst, Procurement Specialist for Oxfam Novib (Netherlands) ”

The learning experience is maximized through our blended delivery format, consisting of an online pre-course module in addition to face-to-face, instructor-led classroom time and group work.

Who Should Attend

- › Tactical & strategic members of non-governmental organizations
- › Private corporations involved in humanitarian response or health delivery
- › Members of other health and humanitarian organizations
- › US Federal government employees
- › US State or local government employees
- › Foreign government or public health officials

2017 Health & Humanitarian Supply Chain Management Certificate

Pre-planning Strategy for Health and Humanitarian Organizations May 8-9, 2017 | 1.8 CEUs

Relief requirements for public health and humanitarian events are in general both unknown in size and type, and are affected by dynamic and hard to measure factors such as geographic location, local economy, and infrastructure, social and political conditions. Preparing for long-term development and response to emergency events often involves uncertainty in timing, scope, or scale. Pre-planning for these situations requires an understanding of various topics such as: forecasting, distribution, network design, and inventory management. This course will examine methods and models for making pre-planning decisions and explore the significant value that is obtained through informed decision-making in advance of an unpredictable event or long-term development.

How You Will Benefit

- › Develop and apply analytical models to aid in distribution and routing decisions
- › Identify and apply the appropriate forecasting technique
- › Discover current trends and procedures that place your organization and team members ahead of the curve
- › Build a critical knowledge base to make tactical decisions around inventory, routing, and distribution
- › Deliver best-practices to measure and evaluate outcomes of humanitarian relief efforts
- › Ultimately transform the humanitarian sector with increased capacity to participate in planning and strategic decision-making for effective supply chain management

Systems Operations in Health and Humanitarian Response May 12-13, 2017 | 2.2 CEUs

Despite having common goals, often the lack of cooperation and coordination between organizations active in humanitarian response results in inefficiencies. As a result, a systems view of a humanitarian effort is needed to ensure appropriate use of scarce resources to meet the goals at hand. This course will focus on conceptual and modeling skills to understand and effectively manage health delivery and humanitarian response from a systems perspective. Models will address system characteristics (e.g. demand dependencies) that drive system dynamics and policies to regulate performance. Course topics include methods for improving coordination and collaboration, addressing demand dependencies, and reliably measuring and evaluating system performance.

How You Will Benefit

- › Identify methods for mitigating or reducing inventory variability and costs
- › Identify opportunities for coordination within organizations and collaboration across organizations
- › Describe the strategic behavior of decision makers and the impact of the market (or contract) structure on the participant's actions and the overall system dynamics
- › Define evaluation metrics in alignment with the system goals, structure system operations and incentives
- › Discover current trends and procedures that will place your organization and team members ahead of the curve

Tactical Decision Making in Public Health and Humanitarian Response May 10-11, 2017 | 1.7 CEUs

Numerous tactical decisions must be made in the response to a public health or humanitarian event. Many of these decisions are concerned with the timely and efficient procurement, allocation, and distribution of resources (e.g. funds, supplies, volunteers) through a supply chain. This course will explore methodologies for tactical decision making including procurement and inventory policies, strategies for distribution and allocation of limited resources, and transportation decisions.

How You Will Benefit

- › Optimize procurement decisions with consideration of key factors affecting inventory policies such as lead time, variability, and product type (e.g., perishable goods)
- › Compare and contrast inventory techniques for a single event versus ongoing operations
- › Evaluate resource allocation tradeoffs in response to a health or humanitarian crisis
- › Develop resources strategies and policies for the allocation of scarce resources in alignment with the supply chain network
- › Optimize routing and storage of supplies on the transportation network across time and mitigate bottlenecks
- › Develop strategies for allocating funds by incorporating the interdependencies of decisions across time and space



Scholarships

A limited number of scholarships will be available for participants from non-governmental organizations and/or from developing countries. For more information on scholarships, please visit: hhscenter.gatech.edu/professional-education. Scholarship support is made available through the generosity of The UPS Foundation, Andrea Laliberte and Richard E. and Charlene O. Zalesky.

Two Easy Ways to Register

Online: www.pe.gatech.edu/hhscm

Phone: 404-385-3501

Health and Humanitarian SCM Course Pricing

Individual Course Price	\$2,400
SCL & GT Alumni Discount Price*	\$2,200
3-Course Certificate Price	\$6,000**

* SCL Alumni is defined as someone who has previously taken a course offered by the GT Supply Chain & Logistics Institute.

To learn about qualifying organizations for discounts, please visit scl.gatech.edu/orgdiscount.

**\$6,000 total for all three courses. Must purchase all three courses at once to receive discount.