



» Health and Humanitarian Supply Chain Management (HHSCM)

Transforming systems to improve lives.

The professional certificate program in Health & Humanitarian Supply Chain Management encompasses a broad range of topics related to emergency or long-term issues in health and humanitarian systems. Topics include preparedness for, response to, and recovery from humanitarian crises such as natural and manmade disasters; healthcare delivery; and improving systems for addressing chronic health challenges as well as promoting long-term health and wellbeing. The learning experience is maximized through our blended delivery format, consisting of self-paced, individual pre-course work, in addition to instructor-led lecture time and team-based work.

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

“I understood more how I need to use mathematical modeling in supply chain analysis, design and address easily right recommendations for decision making.”
 -Yves Lucien Hakorimana, Tropical Health Specialist at the UN Population Fund (UNFP), Rwanda

“The participants have had very comprehensive and diverse knowledge and experience in their field and hence we could share the best practices.”
 -Mohammed Visram, Pharmacist, Kagera Regional Health Management Team (RHMT), Tanzania

Who Should Attend

- > Tactical & strategic members of non-governmental organizations
- > Private corporations involved in humanitarian response or healthcare delivery
- > Members of other health and humanitarian organizations
- > Domestic and international government employees
- > Public health officials
- > Representatives of foundations that support health and humanitarian related efforts



HHSCM 2025

Responsive Supply Chain Design and Operations TBA 2025

Delivering sustainable solutions for public health and humanitarian events is impacted by various factors such as geographic location, social and political conditions, local economy, and infrastructure. Mapping long-term development efforts and responding to healthcare or humanitarian challenges often involves uncertainty in timing, scope, or scale. Pre-planning for resources and actions 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 of informed decision-making in preparation for emergencies or long-term strategy for sustaining wellness.

Inventory Management and Resource Allocation in Supply Chains TBA 2025

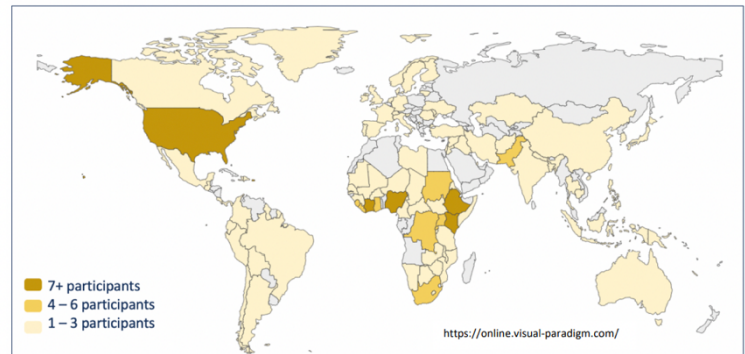
Numerous operational decisions must be made during public health and humanitarian challenges. Many of these decisions are concerned with the timely and efficient procurement, allocation, and distribution of resources (e.g., funds, supplies, personnel, volunteers) through supply chains. This course will explore methodologies for operational decision-making including procurement and inventory policies, strategies for distribution and allocation of limited resources, and transportation decisions.



Systems Operations and Strategic Interactions in Supply Chains TBA 2025

Often the lack of cooperation and coordination between organizations or stakeholders lead to inefficiencies, despite having common goals. A systems view is needed to ensure appropriate use of scarce resources to meet the multiple, and often conflicting, short- and long-term goals from multiple constituents. This course will focus on conceptual and modeling skills to understand and effectively manage supply chains and operations from a systems perspective. Models will address system characteristics 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.

HHSCM Program Reach: Participants across all HHSCM program offerings have lived or worked in over 95 countries. (Below)



For the past 12 years, the Health & Humanitarian Supply Chain program has trained practitioners from organizations around the world including: International Committee of the Red Cross, CARE USA and CARE International, The Centers for Disease Control and Prevention (CDC), Doctors without Borders, Habitat for Humanity International, Last Mile Health, Save the Children, OXFAM, Partners in Health, Task Force for Global Health, USAID/ PEPFAR, UNHCR, UNICEF, UNWFP, World Vision International, and International Organization for Migration (IOM).



Learn More and Register Online

1. Visit: <https://pe.gatech.edu/certificates/health-humanitarian-supply-chain-management-certificate>
2. Scroll down to the blue "Requirements" box and select "Course Details" for the first course.
3. Scroll to "Upcoming Sessions" and select "Register".
4. The course will be added to your "Shopping cart."
5. Navigate back to initial link and repeat steps for the second and third course.
6. Ensure all three courses are in your "Shopping cart" at the top of the page and continue to Checkout.

Apply for Scholarship

A limited number of scholarships are available for participants from non-governmental organizations and / or developing countries. To learn more and apply for scholarship, please visit: <https://chhs.gatech.edu/hhscm-scholarships>

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