

# W NEW CMOSH TRACK FOR 2015

## 1. WHAT IS CMOSH?

CMOSH (Construction Management Occupational Safety and Health) is an exciting new track within the [Master of Science in Construction Management](#) degree program at the University of Washington. The track aims to produce future construction management leaders who will have the knowledge and skills to integrate project management and occupational health and safety for true project success. CMOSH students will have a well-rounded and interdisciplinary learning experience covering subjects from construction management, occupational health and safety, and industry practices. The CMOSH track is affiliated with the [Northwest Center for Occupational Health and Safety](#) at the University of Washington – a National Institute for Occupational Safety and Health (NIOSH) [Education and Research Center](#) – that offers opportunities to network with students, faculty and industry partners interested in health and safety issues in other disciplines.

## 2. WHY CMOSH?

The construction industry contributes substantially to the U.S. domestic GDP and employs approximately 9.8 million people each a year. However, the industry is also one of the most dangerous sectors in the U.S. Graduates of the CMOSH track will obtain the skills necessary to incorporate occupational health and safety practices into construction planning and implementation. This has the potential to save lives, reduce injuries, and improve worker wellness, while at the same time reducing the risks of losing skilled labor and lost productivity for construction companies. The CMOSH track provides a unique specialization in occupational health and safety issues to the Construction Management degree program.

## 3. CURRICULUM/TIMELINE

The CMOSH track is designed to be an accelerated program. To complete the track, a student will take a combination of courses, mostly from the Department of Construction Management and the Department of Environmental and Occupational Health Sciences. The student will also be required to register for a one-credit seminar (ENVH 580) per quarter, conduct a summer internship and write a master thesis. A sample curriculum is provided below.

YEAR ONE			
SUMMER	AUTUMN	WINTER	SPRING
	<b>CM 575 Leadership In Construction (3)</b>	<b>CM 535 Research Methods (3)</b>	<b>CM/ENVH TBD Data-Driven Construction Health and Safety (3)</b>
	CM Elective – CM 510 Advanced Construction Techniques (3)	CM Elective – CM 515 Innovative Project Management Concepts (3)	<b>ENVH 505 Fundamentals of Environmental and Occupational Toxicology (4)</b>
	<b>BIOST 511 Medical Biometry (4)</b>	<b>ENVH 511 Environmental and Occupational Health (3)</b>	<b>ENVH 590 Occupational and Environmental Disease (3)</b>
	<b>ENVH 580 Environmental/Occupational Health Seminar (1)</b>	<b>ENVH 580 Environmental/Occupational Health Seminar (1)</b>	<b>ENVH 580 Environmental/Occupational Health Seminar (1)</b>
		ENVH Elective – ENVH 566 Introduction to Ergonomics (3)	ENVH Elective – ENVH 549 Human Factors in Engineering Design (3)
	<b>TOTAL = 11</b>	<b>TOTAL = 13</b>	<b>TOTAL = 14</b>

YEAR TWO			
SUMMER	AUTUMN	WINTER	
<b>CM 600 Independent Study/Research Paper (1)</b>	<b>CM 500 Design and Construction Law (3)</b>	<b>CM 700 Thesis (4)</b>	
<b>CM 700 Thesis (1)</b>	<b>CM 700 Thesis (4)</b>	CM Elective – CM 518 Lean Construction (3)	
	<b>ENVH 580 Environmental/Occupational Health Seminar (1)</b>	CM Elective – CM 540 Sustainable Construction (3)	
	ENVH 453 Industrial Hygiene (3)	<b>ENVH 580 Environmental/Occupational Health Seminar (1)</b>	
	ENVH Elective – ENVH 564 Recognition of Health and Safety Problems in Industry (2)		
TOTAL = 2	TOTAL = 13	TOTAL = 11	

((bold: required courses; number in parentheses: course credits).

#### 4. ADMISSION

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Candidates who wish to enroll in the CMOSH track will need to complete the [application process](#) for both (1) the Master of Science in Construction Management degree program, and (2) the University of Washington Graduate School. Candidates need to hold baccalaureate degrees (B.S. or B.A.) in Civil Engineering, Construction Management, Building Technology, Architecture, Occupational Health & Safety or similar fields from an accredited college or university. When applying, clearly articulate your *interest and motivation for enrolling in the CMOSH track in your Statement of Purpose*. You should also *check CMOSH as one of the areas of interest* in the Department of Construction Management [application form](#). **Applications for the 2015 autumn enrollment are due on/before September 1** and candidates are strongly encouraged to contact the track faculty as early as possible to express their interest.

#### 5. FINANCIAL SUPPORT

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Contingent upon funding from the National Institute of Occupational Safety and Health, the CMOSH track will provide tuition waivers and monthly stipend benefits to highly qualified applicants who are U.S. citizens or U.S. Permanent Residents.

#### 6. CAREER OPPORTUNITY

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The CMOSH track is excellent for construction management related B.S. graduates, industry practitioners wishing to advance their careers, Occupational Safety and Health specialists interested in establishing themselves in construction, as well as professionals from other disciplines like architecture, business, and civil engineering.

#### 7. CONTACT

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