Guidelines and Expectations for a Masters Degree in Comprehensive Industrial Hygiene Practice
(includes Hazardous Materials Academic Training and Biological Monitoring certificate programs).

These are programs that are accredited by the Associated Sciences Accreditation Commission of ABET
and provide the student with one (1) year of experience credit toward their CIH requirements when they
successfully complete the formal program requirements. To achieve this accreditation the program
must develop a series of Student Outcomes and Program Educational Objectives as well as a process of
continuous improvement.

**Student Outcomes** are the instructional goals that we want to accomplish with your coursework while
you are a student here. They are a set of specific things that we will expect you to learn in the program.
We have an ambitious total set of goals and outcomes that you can learn in the sum of your classes
here. Since no single course can bring you to accomplish them all each course has its own set of Goals and
Outcomes. The course goals and student outcomes for each class are given on the web here:

http://med.uc.edu/eh/divisions/ih/programs/ms-environmental-industrial-hygiene

Each student outcome is listed as K (knowledge), S (skills), or A (attitude): if a KSA is bolded or
underlined then you can expect to learn the material associated with the bolded or underlined letter in
that course. It is important for you to realize that your instructors will be evaluating you based upon
the proficiency you demonstrate for those course goals and student outcomes in that particular course.
This is separate and in addition to the course grade you will receive. We will use those ratings to
improve our course offerings and strengthen the program in the future.

**Program Educational Objectives** are the longer term, broader statements of what we would like you to
accomplish within 5 years AFTER you complete our program and do the magic word, graduate. These
objectives are developed in concert with the needs of our profession as defined by faculty, current
employers, workers, NIOSH, our alumni and you, our current students. We feel that we have among
the best IH programs in the country so we feel that you, like many graduates before you, will be rated
very highly by your employers as compared to graduates from other programs. We anticipate that
within 2-5 years following graduation our graduates will be working in a related field and rated by their
employers as better than graduates from other IH programs in these areas. UC graduates will
demonstrate a high level of technical and scientific competence in the anticipation, recognition,
evaluation and control of occupational and environmental exposures, including the design and
development of long-range goals and programs. This may include participation in global professional
activities. They will solve real-world problems by combining observation, evaluation of the literature,
measurement and other data collection and analysis of data. They will be able to communicate
effectively regarding potential hazards, risk reduction approaches and required actions within the health
and safety team, with varying levels of organizational management and other affected stake-holders.
They will apply the professional code of ethics in all aspects of your practice. They will be involved in
continuous improvement by enrolling in continuing education courses and experiences, by seeking
professional certification and by being active in professional organizations such as ACGIH, ASSE and
AIHA.
Continuous Improvement

The program is committed to continuous improvement through an active, iterative process that involves current students, alumni and employers. Courses and students are evaluated continuously using a variety of metrics. Courses are changed when indicated after consultation with our External Advisory Board (EAB). We assess whether our alumni are meeting the program objectives defined about by surveys of them and their employers. This information is then used to launch larger program improvements in concert with the EAB. This evaluation allows the program to remain responsive to the needs of all our constituents, faculty, current students, alumni, their employers and the larger profession.

The complete process for Continuous Improvement of the EIH Comprehensive practice Program can be found on the website under "Strategy for Continuous Improvement".

http://med.uc.edu/eh/divisions/ih/programs/ms-environmental-industrial-hygiene

Please take a look at this process and note where you fit into it by giving us your constructive criticisms of your courses and experience here at UC DEH. Thanks.