Textile Chemistry

Degree Requirements Master of Science in Textile Chemistry (MS/TC)

The Masters of Science in Textile Chemistry (MS TC) has two options, a thesis option (Option A) and a non-thesis option (Option B).

M.S. TC Option A (Thesis Degree) Program Requirements

MS TC Option A (Thesis) requires a minimum of 32 credit hours, with a minimum of 24 credit hours (8 courses) meeting the following requirements:

- At least 12 credit hours of courses with substantial chemistry content, mostly CH or TC, or from the approved TC offerings table. Substitutions must be approved by the Director of Graduate Programs;
- A minimum of 15 credit hours of courses that are offered by the TECS Department, which may have the following prefixes: TC (PCC), TE, TMS, NW, TT, FPS, and TTM. Note: not all courses with these prefixes are offered by the TECS Department;
- Two semesters of TC601 (Graduate Seminar) are required;
- For the thesis a minimum of six hours of thesis related research is required (TC 695, TC693 or TC630).

Master’s Thesis. The Master’s thesis should be a research exercise that necessitates expertise at the M.S. level and is concentrated in the textile chemistry area on a well-defined topic that has a restricted scope.

M.S. TC Option B (Non-Thesis Degree) Program Requirements

MS TC Option B (Non-Thesis) requires a minimum of 32 credit hours, with a minimum of 24 credit hours (8 courses) meeting the following requirements:

- At least 12 credit hours of courses with substantial chemistry content, mostly CH or TC, or from the approved TC offerings table. Substitutions must be approved by the Director of Graduate Programs;
- A minimum of 15 credit hours of courses that are offered by the TECS Department, which may have the following prefixes: TC (PCC), TE, TMS, NW, TT, FPS, and TTM. Note: not all courses with these prefixes are offered by the TECS Department;
- Two semesters of TC601 (Graduate Seminar) are required;
- At least six credit hours of project-related work in textile chemistry at the 600 level or above, such as TC 630 (Independent Study) or an internship, which will be advised by and evaluated by at least one Graduate Faculty Member in Textile Chemistry.

Degrees

- Textile Chemistry (MS) (http://catalog.ncsu.edu/graduate/textiles/textile-chemistry/textile-chemistry-ms/)
- Textile Chemistry (Minor) (http://catalog.ncsu.edu/graduate/textiles/textile-chemistry/textile-chemistry-minor/)

Faculty

Full Professors

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Warren J Jasper
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Associate Professors

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Assistant Professors

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Jessica Gluck
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Practice/Research/Teaching Professors
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Carl B. Smith
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Adjunct Faculty
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