

Textile Engineering

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

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

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

MS TE 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 **engineering** content, including courses with TE and TMS prefixes. 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 TE601 (Graduate Seminar) are required;
- For the thesis a minimum of six hours of thesis related research is required (TE 695, TE693 or TE630).

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 engineering area on a well-defined topic that has a restricted scope.

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

MS TE 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 **engineering** content, including courses with TE and TMS prefixes. 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 TE601 (Graduate Seminar) are required;
- At least six credit hours of project-related work in textile engineering at the 600 level or above, such as TE 630 (Independent Study) or an internship, which will be advised by and evaluated by at least one Graduate Faculty Member in Textile Engineering.

Degrees

- Textile Engineering (MS) (<http://catalog.ncsu.edu/graduate/textiles/textile-engineering/textile-engineering-ms/>)
- Textile Engineering (Minor) (<http://catalog.ncsu.edu/graduate/textiles/textile-engineering/textile-engineering-minor/>)

- Textile Supply Chain Management (Certificate) (<http://catalog.ncsu.edu/graduate/textiles/textile-engineering/textile-supply-chain-management-certificate/>)

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