

# REPRODUCTIVE SCIENCE AND MEDICINE MS

## Degree Requirements

The following requirements are in addition to, or further elaborate upon, those requirements outlined in The Graduate School Policy Guide (<https://catalogs.northwestern.edu/tgs/academic-policies-procedures/>).

### Thesis Track

**Total Units Required: 12**

Course	Title
<b>Required Courses</b>	
REPR_SCI 405-0	Reproductive Physiology and Endocrinology Foundations
REPR_SCI 406-0	Emerging Research in Reproductive Science and Medicine
REPR_SCI 407-0	Reproductive Physiology and Endocrinology in Society
REPR_SCI 420-0	Human Reproductive Health and Disease
REPR_SCI 425-0	Responsible Conduct of Research in Reproductive Science
REPR_SCI 455-0	Science Communication in Reproductive Science and Medicine
REPR_SCI 497-0	Assessment and Career Planning
<b>Required Research Courses</b>	
REPR_SCI 440-0	Reproductive Technologies Laboratory
REPR_SCI 591-0	Thesis Research in Reproductive Science and Medicine
REPR_SCI 595-0	Research in Reproductive Science and Medicine
TGS 512-0	Continuous Registration (Summer research)

### Other MS Degree Requirements-Thesis Track

- *Examinations:* A written thesis and public presentation are in lieu of a final examination.
- *Research/Projects:* Students are required to join a thesis lab during winter quarter of their first year.
- *Master's Thesis:* The MS-RSM thesis track requires a written thesis submitted during the student's final quarter in the program.

### Non-Thesis Track

**Total Units Required: 12**

Course	Title
<b>Required Courses</b>	
REPR_SCI 405-0	Reproductive Physiology and Endocrinology Foundations
REPR_SCI 406-0	Emerging Research in Reproductive Science and Medicine
REPR_SCI 407-0	Reproductive Physiology and Endocrinology in Society
REPR_SCI 420-0	Human Reproductive Health and Disease
REPR_SCI 425-0	Responsible Conduct of Research in Reproductive Science
REPR_SCI 455-0	Science Communication in Reproductive Science and Medicine
REPR_SCI 497-0	Assessment and Career Planning

### Required Research Courses

REPR_SCI 442-0	Reproductive Research Laboratory I
REPR_SCI 443-0	Reproductive Research Laboratory II
TGS 512-0	Continuous Registration (Summer Research, optional)

### Other MS Degree Requirement-Non-Thesis Track

- *Examinations:* Students complete a written final examination, as well as an oral examination, to earn the MS degree.
- *Research/Projects:* Students are not required to perform research for the degree. Students have the option to complete research during the summer quarter after required courses and the final examination are complete.
- *Master's Thesis:* The non-thesis track does not require a master's thesis.

### Electives (Optional)

Students may choose from a variety of electives to complete their degree. Electives enable students to tailor their degree to professional and personal interests by developing a focus area and/or achieve breadth. Reproductive Science and Medicine electives include **REPR\_SCI 415: Medical Management of Fertility**, and **REPR\_SCI 430: Translational Topics in Fertility Preservation and Oncofertility**. However, electives can span topics outside of reproductive science. General areas of interest are listed below. Students may take any TGS course and are not limited to the list when determining electives.

- Anthropology (<https://www.anthropology.northwestern.edu/graduate/courses/>)
- Public Health (<https://www.feinberg.northwestern.edu/sites/mph/>)
- Medical Humanities and Bioethics (<https://www.bioethics.northwestern.edu/education/ma-students/current-students/course-schedule.html>)
- Clinical Investigation (<https://www.nucats.northwestern.edu/training/investigator-development/msci/curriculum.html>)
- Healthcare Quality and Patient Safety (<https://www.feinberg.northwestern.edu/sites/hqps/>)
- Biostatistics and Epidemiology (<https://www.feinberg.northwestern.edu/sites/biostatistics/curriculum/courses.html>)
- Gender Studies (<https://www.gendersexuality.northwestern.edu/graduate/certificate-cluster-requirements.html>)
- Life Sciences (<https://www.feinberg.northwestern.edu/sites/dgp/prospective-students/courses.html>)
- Interdisciplinary Biological Sciences (<https://www.ibis.northwestern.edu/graduate/current/>)
- Biomedical Engineering (<https://www.mccormick.northwestern.edu/biomedical/courses/>)
- Biotechnology (<https://www.mccormick.northwestern.edu/biotechnology/curriculum/course-schedules.html>)