Name: _______________________ Telephone: __________________

CWID: ___________________ Telephone: __________________

Email: _____________________

Undergraduate Degree: ___________ Year received: __________
Undergraduate Institution: ________________________________

Admission Status:

- [ ] Full
- [ ] Conditional
- [ ] Provisional

- [ ] Degree Option I
- [ ] Degree Option II

Core Courses:
- Math ______ Semester/Year __________ Grade ___
- Math ______ Semester/Year __________ Grade ___
- Math ______ Semester/Year __________ Grade ___
- Math ______ Semester/Year __________ Grade ___

Track Courses:
- Math ______ Semester/Year __________ Grade ___
- Math ______ Semester/Year __________ Grade ___
- Math ______ Semester/Year __________ Grade ___
- Math ______ Semester/Year __________ Grade ___

Electives:
- Course ______ Semester/Year __________ Grade ___
- Course ______ Semester/Year __________ Grade ___
- Course ______ Semester/Year __________ Grade ___
- Course ______ Semester/Year __________ Grade ___

- [ ] Thesis, Semester/Year ________________________
- [ ] Research Project, Semester/Year ________________________

Advisor: ___________________________

Date of Defending Thesis/Project ________________________

Date of Comp. Exams ___________________________ [ ] Pass [ ] Fail

Notes:

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**DEGREE REQUIREMENTS**

**Option I (Thesis Option): total 30 credits**

1. Core courses (12 credit hours): Four core courses, including one complete sequence.
2. Track Courses (12 credit hours): Four courses from either the rest of core courses, or from track courses.
3. Thesis (6 hours): Math 518

**Option II (Non-Thesis Option): Total 36 credits**

1. Core courses (12 credit hours): Four core courses, including one complete sequence.
2. Track Courses (9 credit hours): Three courses from either the rest of core courses, or from track courses.
3. Electives: 12 credit hours
4. Research Project (3 credit hours): Math 595

**GRADUATE COURSES**

- **Core Courses:**
  - Math 501, Mathematical Statistics I
  - Math 502, Mathematical Statistics II
  - Math 511, Introduction to Real Analysis I
  - Math 512, Introduction to Real Analysis II
  - Math 522, General Topology I
  - Math 523, General Topology II
  - Math 536, Functions of a Complex Variables I
  - Math 539, Functions of a Complex Variables II
  - Math 543, Abstract Algebra I
  - Math 544, Abstract Algebra II

- **Track Courses:**
  - Math 515, Dynamical Systems
  - Math 517, Calculus of Finite Differences
  - Math 532, Fourier Analysis and Wavelets
  - Math 533, Optimization
  - Math 534, Cryptography
  - Math 537, Theory of Numbers
  - Math 546, Numerical Analysis
  - Math 561, Statistical Computing and Design of Experiments
  - Math 563, Image Processing with Applications
  - Math 580, Topics from the History of Mathematics
  - Math 597, Special Topics (approval by the math department)

- **Electives:** Any graduate courses offered by the mathematics department, or courses outside of mathematics with the approval of the mathematics department. A complete list of math graduate courses can be found at [http://coursecatalog.tamuc.edu/grad/](http://coursecatalog.tamuc.edu/grad/).

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Contact Information:

Tingxiu Wang, Department Head
903-886-5958
Tingxiu.Wang@tamuc.edu

Department Website: [www.tamuc.edu/math](http://www.tamuc.edu/math)