MASTER OF SCIENCE IN CHEMISTRY

The Master of Science in Chemistry program at North Carolina Agricultural and Technical State University (NCAT) provides the experimental and theoretical training of graduate students in all areas of chemistry.

The Department also offers a Professional Science Master's program in Developmental and Applied Chemistry that prepares students for careers in industry and the government. The PSM program is the only such chemistry program in the triad area.

Areas of Concentration
1. Chemistry
2. Professional Science Masters in Applied Chemistry
3. Masters of Arts in Teaching

Scholarly Engagement
• We maintain a friendly and collaborative research environment.
• We currently have 12 active research faculty members, and 4 dedicated staff members.
• We average about 20 graduate students and have the potential to grow to 30 students.

Students and faculty are active members of professional organizations and conduct research presentations at various local, national and international academic conferences.

Faculty and students publish - 16 research papers every year.

Why Study Chemistry at NCAT?
• Competitive Financial Packages
• 3-4 Semester Program
• Interdisciplinary Research
• ACS Accreditation

“The overall contribution of the Chemistry department at NCAT has given me roots, and I hope to use these to one day sprout another leaf.”
- Tsulane Mehari – 2016 graduate

“The skills and abilities I have obtained through NCAT’s Chemistry department have been my greatest assets moving into my PhD program.”
- George Apseworvi – 2014 graduate

Post-Graduation Placement
Most of the MS graduates over the last two years (> 80%) have joined top PhD programs nationwide in programs such as:

- PhD in Energy and Environmental Systems (NC A&T State University)
- Purdue University, Chemistry and Biochemistry
- Louisiana State University, Chemistry
- UNCGreensboro, Medicinal Chemistry
- Virginia Tech, Chemistry
- Joint School of Nanoscience and Nanoengineering (JSNN)
- University of Florida, School of Pharmacy

Employment Opportunities
• Industrial Quality Control
• Process Chemistry
• Research, Teaching, Cosmetics, Pharmacy, and much more

FINANCIAL SUPPORT
• RISE Full scholarship
• Graduate College competitive support
• Teaching Assistantship
• Research Assistantship
• Other Competitive Scholarships
## NORTH CAROLINA A&T STATE UNIVERSITY

### THE GRADUATE COLLEGE

### NORTH CAROLINA A&T STATE UNIVERSITY

**GRADUATE FEE SCHEDULE PER SEMESTER**

**FALL 2017 - SPRING 2018**

Tuition and fees subject to change per UNC General Administration

<table>
<thead>
<tr>
<th># OF CREDIT HOURS</th>
<th>1 - 2</th>
<th>3 - 5</th>
<th>6 - 7</th>
<th>8</th>
<th>9 or More</th>
</tr>
</thead>
<tbody>
<tr>
<td>TUITION IN-STATE</td>
<td>$568.13</td>
<td>$1,136.25</td>
<td>$1,704.38</td>
<td>$1,704.38</td>
<td>$2,272.50</td>
</tr>
<tr>
<td>TUITION OUT-STATE</td>
<td>$2,118.75</td>
<td>$4,237.50</td>
<td>$6,356.25</td>
<td>$6,356.25</td>
<td>$8,475.00</td>
</tr>
</tbody>
</table>

### REQUIRED FEES

<table>
<thead>
<tr>
<th>DEBT SERVICE</th>
<th>Health Center</th>
<th>$10.63</th>
<th>$21.25</th>
<th>$31.88</th>
<th>$42.50</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Student Union</td>
<td>$225.00</td>
<td>$225.00</td>
<td>$225.00</td>
<td>$225.00</td>
</tr>
<tr>
<td></td>
<td>CAMPUS CENTER - Operations</td>
<td>$33.69</td>
<td>$67.38</td>
<td>$101.06</td>
<td>$134.75</td>
</tr>
<tr>
<td></td>
<td>STUDENT ACTIVITIES</td>
<td>$45.13</td>
<td>$90.25</td>
<td>$135.38</td>
<td>$180.50</td>
</tr>
<tr>
<td></td>
<td>CAMPUS SAFETY FEE</td>
<td>$15.00</td>
<td>$15.00</td>
<td>$15.00</td>
<td>$15.00</td>
</tr>
<tr>
<td></td>
<td>STUDENT GOV'T ASSOC.</td>
<td>$5.50</td>
<td>$5.50</td>
<td>$5.50</td>
<td>$5.50</td>
</tr>
<tr>
<td></td>
<td>EDUC. &amp; TECHNOLOGY</td>
<td>$50.65</td>
<td>$101.29</td>
<td>$151.94</td>
<td>$202.59</td>
</tr>
<tr>
<td></td>
<td>I.D. PROCESSING</td>
<td>$12.50</td>
<td>$12.50</td>
<td>$12.50</td>
<td>$12.50</td>
</tr>
<tr>
<td></td>
<td>ATHLETICS</td>
<td>$101.00</td>
<td>$202.00</td>
<td>$303.00</td>
<td>$404.00</td>
</tr>
<tr>
<td></td>
<td>HEALTH SERVICES</td>
<td>$41.69</td>
<td>$83.38</td>
<td>$125.66</td>
<td>$166.75</td>
</tr>
<tr>
<td></td>
<td>SHUTTLE SERVICE</td>
<td>$40.50</td>
<td>$40.50</td>
<td>$40.50</td>
<td>$40.50</td>
</tr>
<tr>
<td>TOTAL REQUIRED FEES</td>
<td>$582.92</td>
<td>$872.30</td>
<td>$1,161.70</td>
<td>$1,451.09</td>
<td>$1,451.09</td>
</tr>
<tr>
<td>HEALTH INSURANCE (OPT)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL TUITION AND REQUIRED FEES IN-STATE</td>
<td>$1,151.05</td>
<td>$2,008.55</td>
<td>$4,002.76</td>
<td>$4,292.15</td>
<td>$4,860.27</td>
</tr>
<tr>
<td>TOTAL TUITION AND REQUIRED FEES OUT-OF-STATE</td>
<td>$2,701.67</td>
<td>$5,109.80</td>
<td>$8,654.63</td>
<td>$8,944.02</td>
<td>$11,062.77</td>
</tr>
</tbody>
</table>

### Tuition Differentials Max Rate

<table>
<thead>
<tr>
<th>THESES ONLY</th>
<th>FALL</th>
<th>JMSW &amp; JSSH IN-STATE</th>
<th>JMSW &amp; JSSH OUT-OF-STATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FEE</td>
<td>$900.00</td>
<td>$286.00</td>
<td>$808.00</td>
</tr>
<tr>
<td>IN-STATE</td>
<td>$1,136.25</td>
<td>$2,008.55</td>
<td>$4,002.76</td>
</tr>
<tr>
<td>OUT-OF-STATE</td>
<td>$1,136.25</td>
<td>$2,008.55</td>
<td>$4,002.76</td>
</tr>
</tbody>
</table>

The university reserves the right to increase or decrease all fees and charges as well as add or delete expense items without advance notice, as circumstances in the judgement of the administration may require.

Remittance should be made by check (personal, certified, or cashier’s) money order or credit card (American Express, MasterCard, Visa or Discover). All payments should be addressed to the Treasurer’s Office, The Graduate School, North Carolina A&T State University, 1601 E. Market Street, Greensboro, NC 27411.

For More Information
The Graduate College
grad@ncat.edu
336-285-2366

### ADMISSIONS REQUIREMENTS AND DEADLINES

#### ADMISSION REQUIREMENTS

- Online application
- Application fee
- Transcripts
- Personal statement
- Recommendation letters

Some programs require standardized test scores or on campus interviews

#### IMPORTANT APPLICATION DEADLINES

<table>
<thead>
<tr>
<th></th>
<th>Priority</th>
<th>US Citizen</th>
<th>International</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>Feb. 1</td>
<td>June 1</td>
<td>May 15</td>
</tr>
<tr>
<td>Spring</td>
<td>Sept. 1</td>
<td>Oct. 15</td>
<td>Oct. 1</td>
</tr>
<tr>
<td>Summer</td>
<td>NA</td>
<td>April 1</td>
<td>NA</td>
</tr>
</tbody>
</table>

*Earlier deadlines for certain programs apply. Check [www.ncat.edu/grad](http://www.ncat.edu/grad) for individual program requirements

### FINANCING GRADUATE STUDIES

For detailed information on tuition, fees, and related costs of education, assistantships, fellowships and other financial assistance visit [www.ncat.edu/grad](http://www.ncat.edu/grad).

### RESEARCH CAPABILITIES OF A LAND GRANT UNIVERSITY

- Aerospace and Transportation Systems
- Biomedical Research
- Biotechnology & Biosciences
- Computer and Computational Sciences
- Defense and National Security
- Energy and the Environment
- Food Science
- Human Health, Nutrition and Wellness
- Leadership and Community Development
- Nanotechnology and Multi-Scale
- Social and Behavioral Sciences
- Transportation and Logistics

N.C. A&T does not discriminate against employees, students, or applicants on the basis of age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, genetic information, veteran status, or any other basis protected by law.

500 copies of this public document were printed at a cost of $3.00 per copy.

V1_2016