



TEXAS TECH UNIVERSITY
Graduate School™

Graduate Program Review

20XX-20XX

Department Name
First Last, Chair

College of
Name
First Last, Dean

November 20XX

November 2015
PROGRAM REVIEW OUTLINE
Department of XXXXXXXXX

I. Program Overview – A one to two-page summary of department’s vision and goals.
DEPARTMENT WRITES NARRATIVE

II. Graduate Curricula and Degree Programs

- A. Scope of programs within the department
DEPARTMENT WRITES NARRATIVE
- B. Outcomes – Discuss your program(s) TRACDAT data (see appendix I)
- C. Number and types of degrees awarded
 - Degrees Awarded – Academic Year (chart & table)
 - Comparison of Degrees Awarded – FY Year (Peer info table)
- D. Undergraduate and Graduate semester credit hours
 - SCH compared to Budget - Academic Year (chart & table)
- E. Number of majors in the department
 - Enrollment by Level – Fall Data (chart & table)
 - Comparison of Enrollment – Fall Data (Peer info table)
- F. Course offerings and their enrollments over the past six years (enrollment trends by course)
 - Course Enrollments by Academic Year (table)
- G. Courses cross listed (TANDEM) (table)
DEPARTMENT COMPLETES AND WRITES NARRATIVE
- H. Low Performing Programs
DEPARTMENT WRITES NARRATIVE

III. Faculty

- A. List of Faculty Members (table)
DEPARTMENT COMPLETES
- B. Number, rank and demographics of the faculty (tenured and tenure track), GPTI’s and TA’s
 - Teaching Resources (chart and table)
 - Tenured and Tenure-Track by Rank - Fall Data (chart and table)
 - Comparison of Full-time Faculty (Peer info table)
- C. Summary of the number of refereed publications and creative activities (table)
DEPARTMENT COMPLETES
- D. Responsibilities and leadership in professional societies
 - Professional Leadership (table) *DEPARTMENT COMPLETES*
 - Student Committee Service (table) *DEPARTMENT COMPLETES*
- E. Assess average faculty productivity for Fall semesters only (use discipline appropriate criteria to determine)
 - Faculty Workload (table)
 - College SCH/FTE – Fall Data (chart & table)

- Department SCH/FTE – Fall Data (chart & table)

IV. Graduate Students

- A. Applicants and enrolled students
 - a. Graduate Student Summary by Category – AY (chart and table)
 - b. Graduate Applicants by Region – Fall Data (chart and table)
 - c. Demographics of Enrolled Graduate Students - Fall Data (four tables)
- B. Test Scores (appendix h)
- C. Time to Degree in Years (chart and table)
- D. Programs for mentoring and the professional development of graduate students and department efforts to retain students and graduation rates
- E. Provide a breakdown of how many enrolled graduate students are RA's, TA's, GA's or GPTI's (table) **DEPARTMENT COMPLETES**
- F. Number of students who have received fellowships, scholarships and other awards - fellowships awarded (table)
 - d. Graduate School Scholarships and Fellowships
 - e. National, University, Departmental and Local Scholarships and Fellowships
DEPARTMENT COMPLETES
- G. Graduate Student Publications and Creative Activities (table) – number of discipline-related refereed papers/publication, juried creative/performance accomplishments, book chapters, books, and external presentations per year per student. (Note: this may overlap with faculty publications)
DEPARTMENT COMPLETES
- H. Initial position and place of employment of graduates over the past 6 years (table)
DEPARTMENT COMPLETES (R# for identification)
- I. Percentage (%) of full time students receiving financial support
DEPARTMENT COMPLETES
- J. Percentage of resident and distance/online students per year by level – Fall data
DEPARTMENT COMPLETES

V. Department

- A. Department operating expenses
 - Research Expenditures
DEPARTMENT COMPLETES
 - Department Operating Cost as a Fraction of Employees - (table)
DEPARTMENT COMPLETES
- B. Summary of Proposals
 - f. Summary of Number of Proposals Written and Accepted (table)
DEPARTMENT COMPLETES
- C. External Research
 - g. Research Expenditures (chart & table)
DEPARTMENT COMPLETES
 - h. Peer Institution Info (table)
DEPARTMENT COMPLETES
- D. Internal Funding

- i. Source of Internal Funds (TTU) - (table)
DEPARTMENT COMPLETES
- E. Scholarships and Endowments (table)
DEPARTMENT COMPLETES AND WRITES NARRATIVE
- F. Departmental resources for research and teaching (i.e. classroom space, lab facilities) - (table)
- G. HEAF expenditures (table) **DEPARTMENT COMPLETES**
- H. External Program Accreditation – Name of body and date of last program accreditation review including description of body and accreditation specifics
DEPARTMENT WRITES NARRATIVE
- I. Centers or Institutes **DEPARTMENT WRITES NARRATIVE**

VI. Conclusions – a one- to two-page summary of the observed deficiencies and needs identified by your review. Highlight areas of greatest need and areas of significant contributions
DEPARTMENT WRITES NARRATIVE

VII. Appendices – should include, but not be limited to, the following:

Table of Contents:

- A. Strategic plan
- Attachment from Strategic Planning website
DEPARTMENT PROVIDES COPY
- I. Curriculum Map (table)
DEPARTMENT COMPLETES
- J. 18 Characteristics for Doctoral Programs
DEPARTMENT PROVIDES COPY
- K. Graduate Student Handbook
DEPARTMENT WRITES, SUPPLIES COPY OR LINK
- L. Graduate Student Association(s) – Description and Information
DEPARTMENT WRITES NARRATIVE
- M. Graduate Faculty 6-Year Resumes (obtained from digital measures)
DEPARTMENT PROVIDES COPY
- N. GRE Revised General Test Scores
- O. Unit Assessment Report *from* **TRACDAT**
DEPARTMENT PROVIDES
- P. Courses cross listed (TANDEM)
DEPARTMENT PROVIDES

- I. **Program Overview**- a one to two-page executive summary of the departments vision and goals

DEPARTMENT WRITES

II. Graduate Curricula and Degree Programs

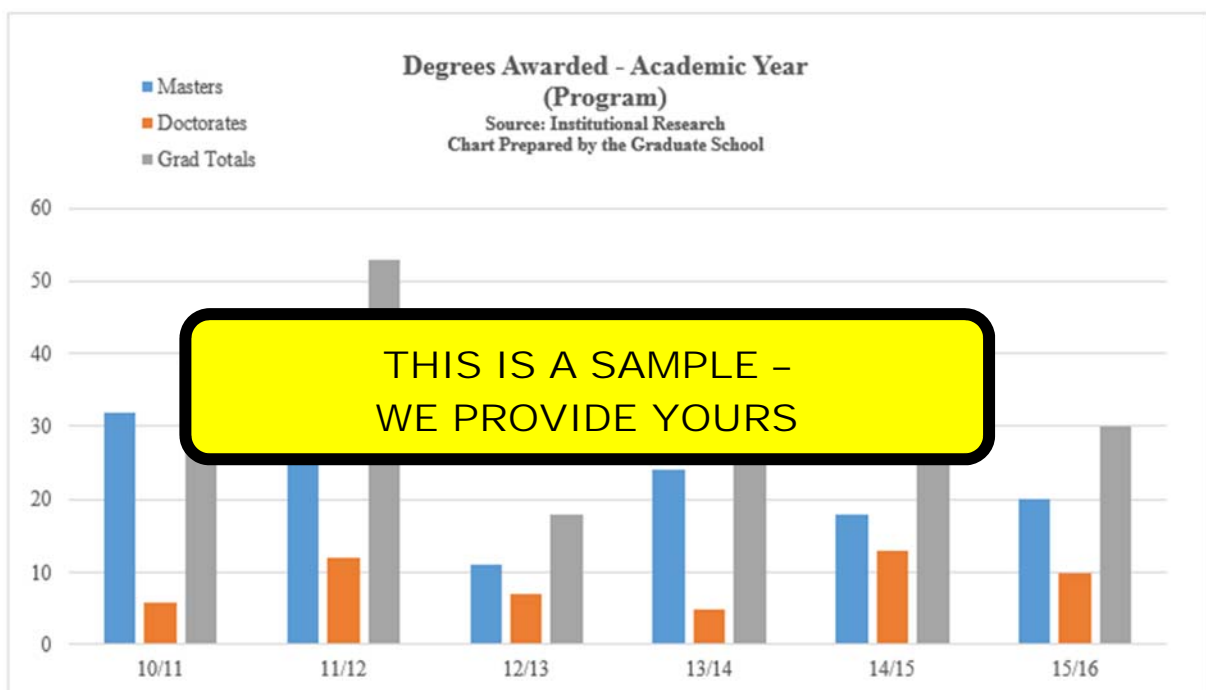
A. Scope of programs within the department

DEPARTMENT WRITES NARRATIVE

- B. Outcomes – Discuss your program(s) TRACDAT data (see appendix I)

DEPARTMENT WRITES NARRATIVE

- C. Number and types of degrees awarded



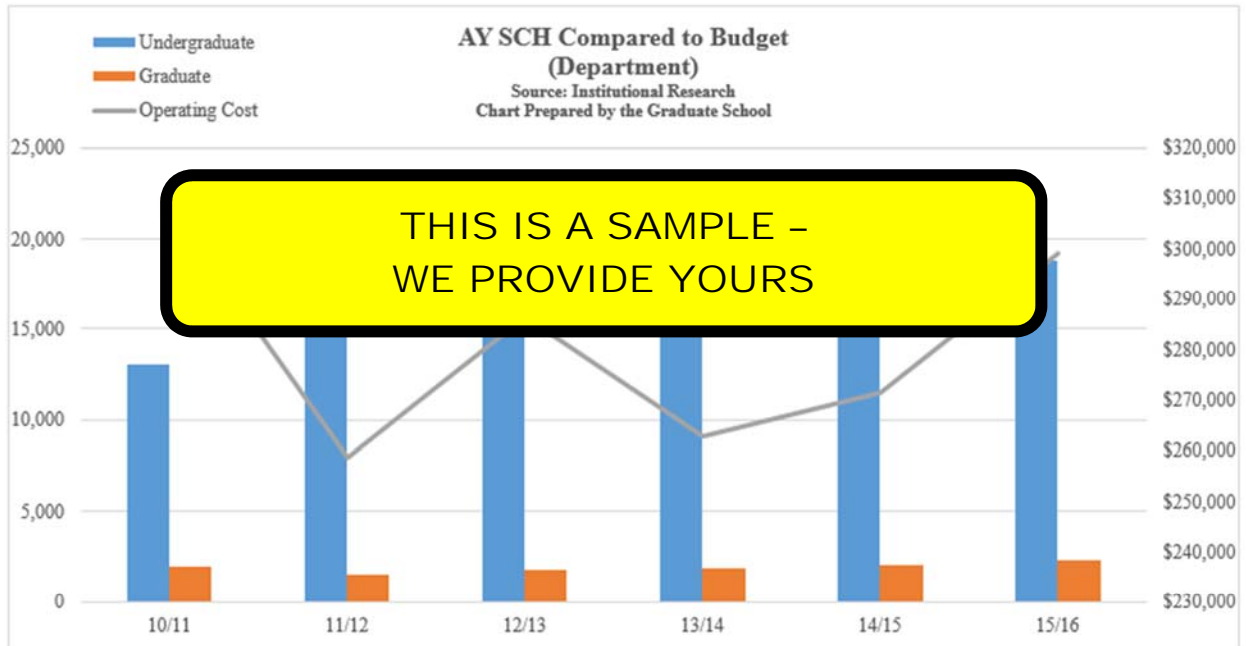
| | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|-------------|-------|-------|-------|-------|-------|-------|
| Masters | 32 | 41 | 11 | 24 | 18 | 20 |
| Doctorates | 6 | 12 | 7 | 5 | 13 | 10 |
| Grad Totals | 38 | 53 | 18 | 29 | 31 | 30 |

**Source: IR*

| Comparison of Degrees Awarded - FY Data | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|
| University of Arkansas | | | | | | |
| Bachelor | 20 | 21 | 29 | 24 | 35 | n/a |
| Master | 12 | 9 | 13 | 15 | 18 | n/a |
| Doctoral | 4 | 3 | 3 | 4 | 3 | n/a |
| Iowa State University - Geology and Meteorology | | | | | | |
| Bachelor | 11 | 10 | 17 | 14 | 16 | 12 |
| Master | 5 | 5 | 3 | 4 | 5 | 0 |
| Doctoral | 3 | 1 | 0 | 0 | 0 | 0 |
| Iowa State University - Meteorology | | | | | | |
| Bachelor | 8 | 20 | 19 | 22 | 18 | 11 |
| | | | | | 6 | 2 |
| | | | | | 1 | 0 |
| University of N | | | | | | |
| | | | | | 24 | 21 |
| Master | 11 | 4 | 13 | 11 | 10 | 17 |
| Doctoral | 5 | 3 | 1 | 4 | 2 | 10 |
| Michigan State University | | | | | | |
| Bachelor | 20 | 25 | 27 | 19 | 25 | 25 |
| Master | 1 | 3 | 3 | 1 | 2 | 2 |
| Doctoral | 2 | 2 | 2 | 3 | 3 | 2 |
| Kansas State University - Geography | | | | | | |
| Bachelor | 14 | 31 | 28 | 34 | 32 | 17 |
| Master | 5 | 5 | 5 | 5 | 5 | 5 |
| Doctoral | 2 | 4 | 4 | 3 | 2 | 5 |
| Kansas State University - Geosciences | | | | | | |
| Bachelor | 6 | 8 | 13 | 16 | 14 | 13 |
| Master | 2 | 6 | 6 | 5 | 8 | 15 |
| Doctoral | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas Tech | | | | | | |
| Bachelor | 18 | 28 | 29 | 38 | 35 | 35 |
| Master | 15 | 24 | 21 | 24 | 32 | 20 |
| Doctoral | 2 | 2 | 2 | 2 | 1 | 5 |

**The Source for data is from the Peer Institutions but Texas Tech data is from IR*

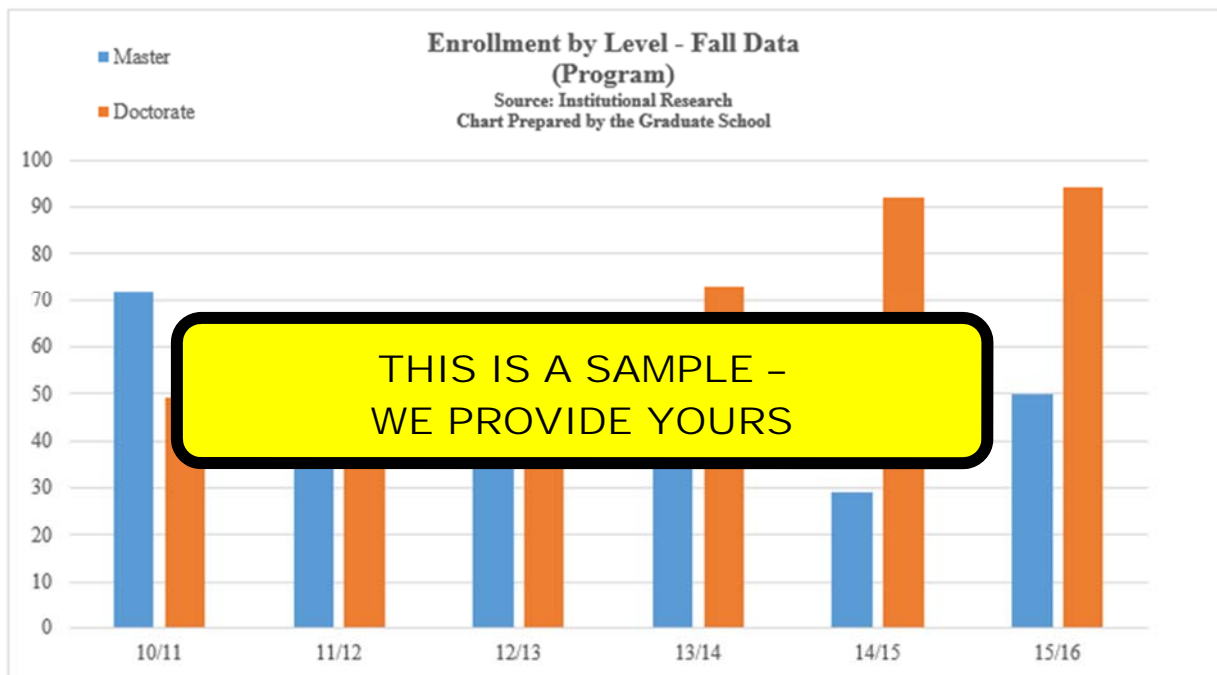
D. Undergraduate and graduate semester credit hours



| | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Undergraduate | 13,033 | 15,800 | 17,895 | 17,922 | 19,104 | 18,829 |
| Graduate | 1,978 | 1,570 | 1,814 | 1,887 | 2,034 | 2,337 |
| Operating Cost | \$308,105 | \$258,575 | \$286,254 | \$262,768 | \$271,450 | \$299,226 |

*Source: IR

E. Number of majors in the department for the fall semesters



Enrollment by Level

| | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|------------------|-------|-------|-------|-------|-------|-------|
| Master | 72 | 51 | 43 | 39 | 29 | 50 |
| Doctorate | 49 | 57 | 45 | 73 | 92 | 94 |

**Source: IR*

| Comparison of Enrollment - Fall Data | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 |
|--|-------|-------|-------|-------|-------|-------|
| University of Arkansas | | | | | | |
| Bachelor | 119 | 143 | 151 | 145 | 160 | 155 |
| Master | 50 | 50 | 59 | 70 | 80 | 85 |
| Doctoral | 9 | 14 | 12 | 14 | 16 | 18 |
| Iowa State University - Geology and Meteorology | | | | | | |
| Bachelor | 57 | 55 | 63 | 61 | 72 | 77 |
| Master | 11 | 13 | 15 | 3 | 12 | 11 |
| Doctoral | 5 | 1 | 2 | 6 | 10 | 8 |
| Iowa State University - Meteorology | | | | | | |
| | | | | | | 92 |
| | | | | | | 9 |
| | | | | | | 11 |
| Unviersity of Ne | | | | | | |
| Bachelor | n/a | 110 | n/a | n/a | n/a | 119 |
| Master | n/a | 28 | n/a | n/a | n/a | 36 |
| Doctoral | n/a | 16 | n/a | n/a | n/a | 22 |
| Michigan State University | | | | | | |
| Bachelor | 90 | 105 | 98 | 102 | 97 | 109 |
| Master | 9 | 9 | 7 | 5 | 8 | 7 |
| Doctoral | 14 | 12 | 17 | 17 | 16 | 16 |
| Kansas State University - Geography | | | | | | |
| Bachelor | 83 | 98 | 88 | 79 | 57 | 51 |
| Master | 18 | 12 | 13 | 19 | 16 | 13 |
| Doctoral | 27 | 27 | 24 | 25 | 21 | 26 |
| Kansas State University - Geology | | | | | | |
| Bachelor | 49 | 59 | 60 | 73 | 63 | 83 |
| Master | 10 | 4 | 4 | 22 | 26 | 32 |
| Doctoral | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas Tech | | | | | | |
| Bachelor | 168 | 189 | 190 | 211 | 246 | 323 |
| Masters | 42 | 46 | 57 | 66 | 61 | 60 |
| Doctoral | 14 | 13 | 14 | 14 | 17 | 21 |

**The Source for data is from the Peer Institutions but Texas Tech data is from IR*

- F. Course enrollments over the past six years (enrollment trends by course)
- Figures are totals – classes may be offered more than once a year

Course Enrollments by Academic Year

Source: Institutional Research

| Program | Course # | AY 2010 | | | AY 2011 | | | AY 2012 | | | AY 2013 | | | AY 2014 | | |
|------------|----------|---------|----|---------|---------|----|---------|---------|----|---------|---------|----|---------|---------|----|---------|
| | | F | Sp | Sm I&II | F | Sp | Sm I&II | F | Sp | Sm I&II | F | Sp | Sm I&II | F | Sp | Sm I&II |
| PRGM | | | | | | | | | | | | | | | | |
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| AY Totals: | | 0 | | | 0 | | | 0 | | | 0 | | | 0 | | |

G. Courses cross listed (TANDEM) (UG and Grad – need syllabus in appendix J for both UG and Grad individual courses)

DEPARTMENT COMPLETES

[illegible]

H. Low Performing Programs

DEPARTMENT WRITES NARRATIVE

III. Faculty

A. List of Faculty Members

List all faculty who were employed by your department during the six years of this review

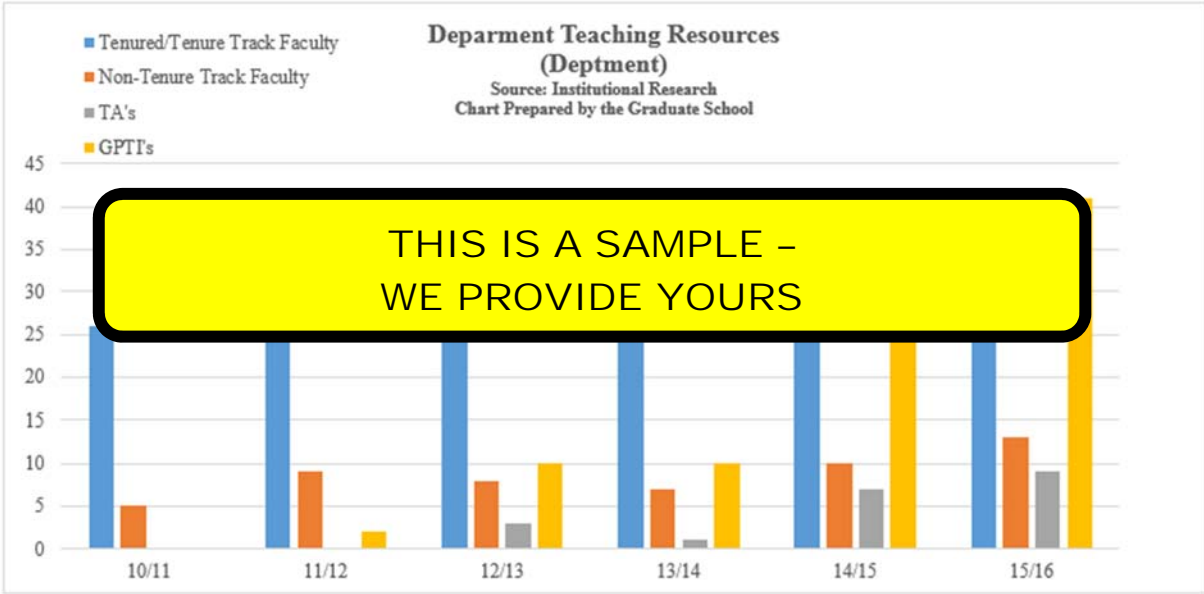
DEPARTMENT COMPLETES

List of Faculty Members

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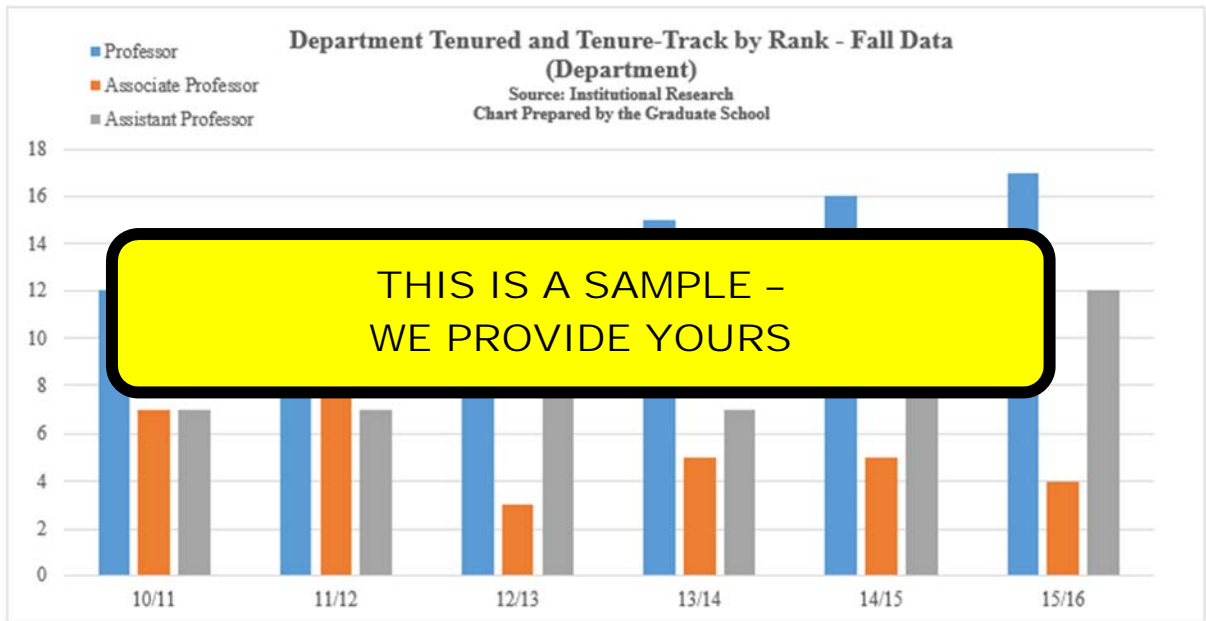
*Source: The Department

B. Number, rank, and demographics of the graduate faculty (tenure and tenure track), GPTI's and TA's



| | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|------------------------------|-------|-------|-------|-------|-------|-------|
| Tenured/Tenure Track Faculty | 26 | 25 | 25 | 27 | 30 | 33 |
| Non-Tenure Track Faculty | 5 | 9 | 8 | 7 | 10 | 13 |
| TA's | 0 | 0 | 3 | 1 | 7 | 9 |
| GPTI's | 0 | 2 | 10 | 10 | 30 | 41 |

*Source: IR



| | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|----------------------------|-------|-------|-------|-------|-------|-------|
| Professor | 12 | 10 | 14 | 15 | 16 | 17 |
| Associate Professor | 7 | 8 | 3 | 5 | 5 | 4 |
| Assistant Professor | 7 | 7 | 8 | 7 | 9 | 12 |

*Source: IR

| Comparison of Full-Time Faculty | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 |
|--|-------|-------|-------|-------|-------|-------|
| University of Arkansas | | | | | | |
| Tenure/Tenure Track | 18 | 18 | 20 | 21 | 22 | 22 |
| Non-Tenure Track | 0 | 0 | 4.5 | 3.5 | 3.5 | 3.5 |
| TA's | 16 | 16 | 18 | 20 | 22 | 24 |
| Iowa State University - Geology and Meteorology | | | | | | |
| Tenure/Tenure Track | 10 | 10.5 | 9 | 10 | 10 | 10 |
| Non-Tenure Track | 1 | 1 | 1.55 | 0.8 | 0.8 | 0.8 |
| TA's | 9 | 9 | 10 | 10.5 | 9 | 12 |
| Iowa State University - Meteorology | | | | | | |
| Tenure/Tenure Track | 5 | 5 | 5 | 5 | 5 | 5 |
| Non-Tenure Track | 5 | 5 | 5 | 5 | 5 | 5 |
| TA's | 5 | 5 | 5 | 5 | 5 | 5 |
| University of Kansas | | | | | | |
| Tenure/Tenure Track | 20 | 21 | 25 | 25 | 25 | 24 |
| Non-Tenure Track | 1 | 1 | 2 | 2 | 2 | 2 |
| TA's | 14 | 14 | 14 | 14 | 14 | 14 |
| Michigan State University | | | | | | |
| Tenure/Tenure Track | 12 | 12 | 13 | 13 | 13 | 14 |
| Non-Tenure Track | 1 | 2 | 1 | 4 | 3 | 4 |
| TA's | 5.5 | 6.1 | 4.5 | 3.8 | 4 | 4 |
| Kansas State University - Geography | | | | | | |
| Tenure/Tenure Track | 11 | 12 | 12 | 12 | 10 | 10 |
| Non-Tenure Track | 3 | 2 | 2 | 2 | 1 | 2 |
| TA's | 17 | 17 | 16 | 18 | 20 | 18 |
| Kansas State University - Geology | | | | | | |
| Tenure/Tenure Track | 5 | 4 | 4 | 6 | 8 | 7 |
| Non-Tenure Track | 4 | 4 | 4 | 1 | 1 | 3 |
| TA's | 7 | 9 | 10 | 9 | 10 | 11 |
| Texas Tech | | | | | | |
| Tenure/Tenure Track | 18 | 21 | 29 | 27 | 27 | 28 |
| Non-Tenure Track | 13 | 3 | 3 | 3 | 7 | 5 |
| GPTI's | 0 | 0 | 0 | 0 | 1 | 1 |
| TA's | 9 | 22 | 23 | 18 | 45 | 56 |

**Data comes from Peer Institutions but Texas Tech data comes from IR*

- C. Summary of the number of refereed publications and creative activities.

DEPARTMENT COMPLETES

Summary of the Number of Refereed Publications and Creative Activities

| Publication Type | 09/10 N= F= | 10/11 N= F= | 11/12 N= F= | 12/13 N= F= | 13/14 N= F= | 14/15 N= F= |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Refereed Articles/Abstracts | | | | | | |
| Books/Book Chapters | | | | | | |
| Other Publications | | | | | | |
| Presentations/Posters | | | | | | |
| <insert extra here> | | | | | | |
| <insert extra here> | | | | | | |
| <insert extra here> | | | | | | |
| N = # of full time faculty contributing F = # of full time faculty in department | | | | | | |

**Source: The Department*

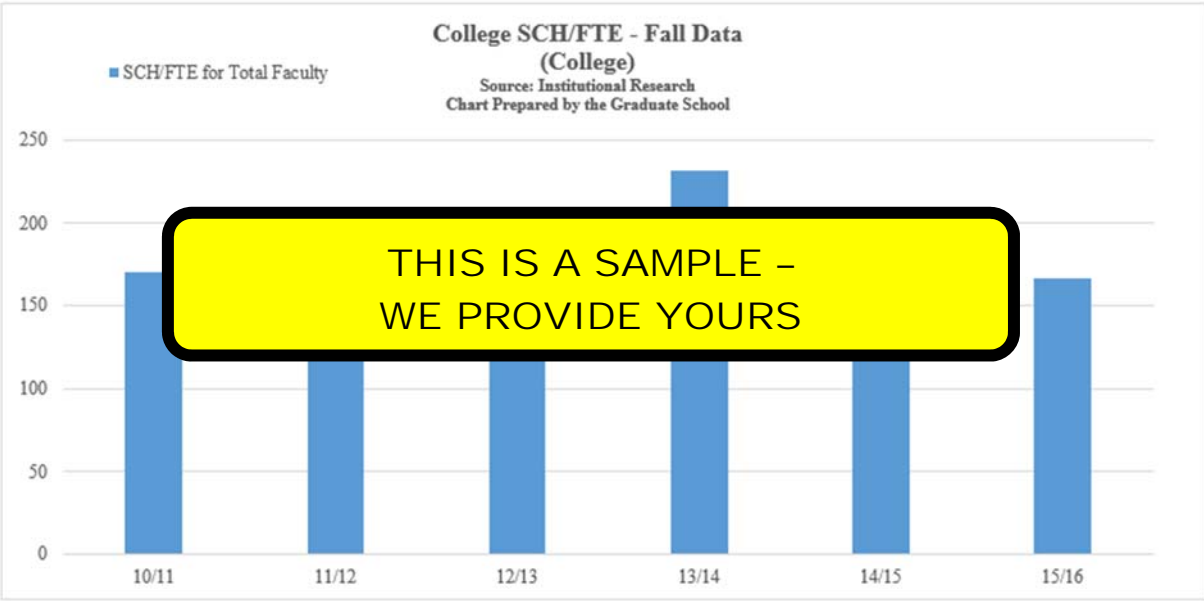
D. Responsibilities and leadership in professional societies

DEPARTMENT COMPLETES

Professional Leadership

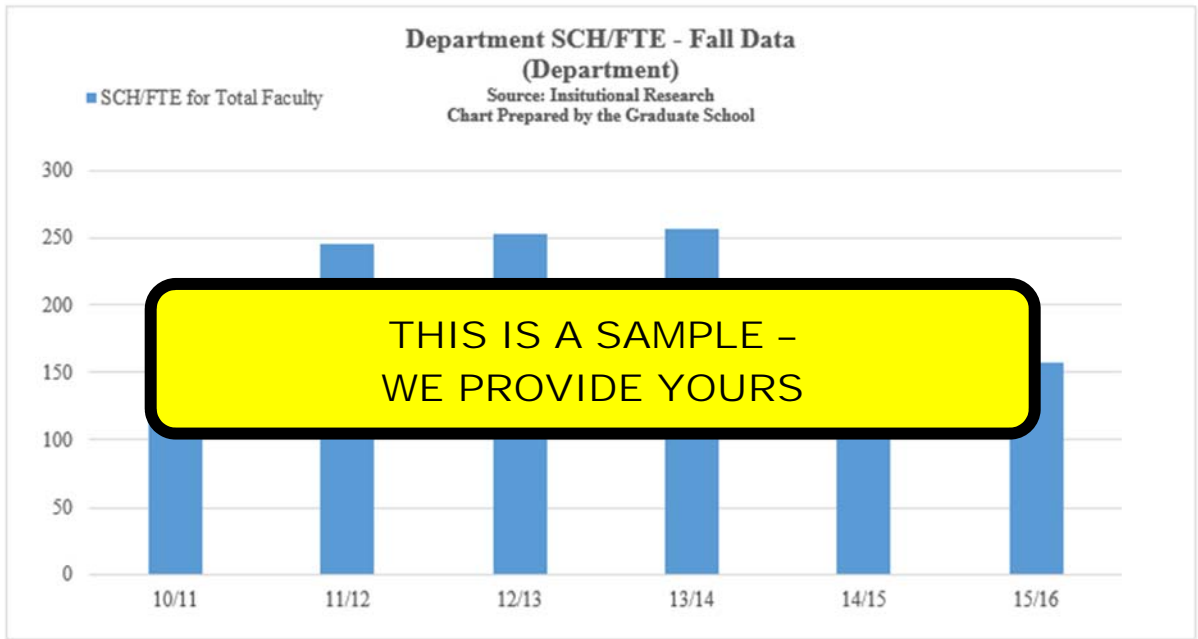
| Faculty Name | Editor/Editorial | Executive Board | Officer in National Org. | Committees | <insert extra here> | <insert extra here> | <insert extra here> |
|-------------------------|------------------|-----------------|--------------------------|------------|---------------------|---------------------|---------------------|
| <u>2010-2011</u> | | | | | | | |
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| <u>2011-2012</u> | | | | | | | |
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| <u>2012-2013</u> | | | | | | | |
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| <u>2013-2014</u> | | | | | | | |
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| <u>2014-2015</u> | | | | | | | |
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| <u>2015-2016</u> | | | | | | | |
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*Source: The Department



| | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---------------------------|-------|-------|-------|-------|-------|-------|
| SCH/FTE for Total Faculty | 170 | 190 | 206 | 231 | 198 | 166 |

**Source: IR*

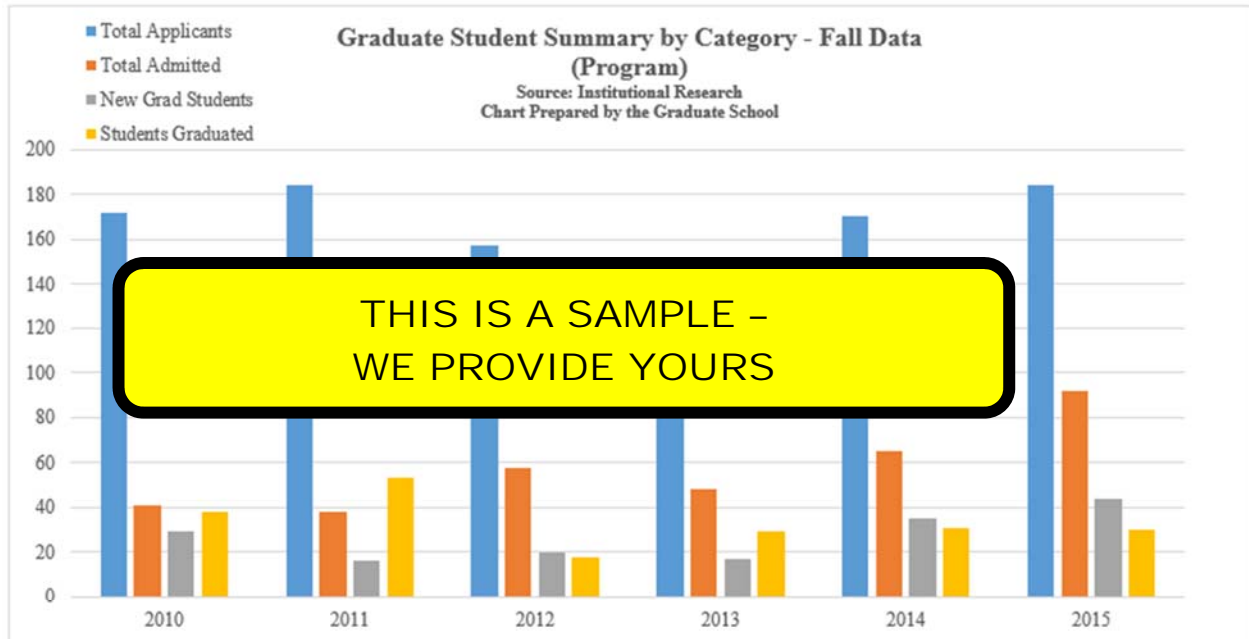


| | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|----------------------------------|-------|-------|-------|-------|-------|-------|
| SCH/FTE for Total Faculty | 190 | 245 | 253 | 256 | 178 | 157 |

**Source: IR*

IV. Graduate Students

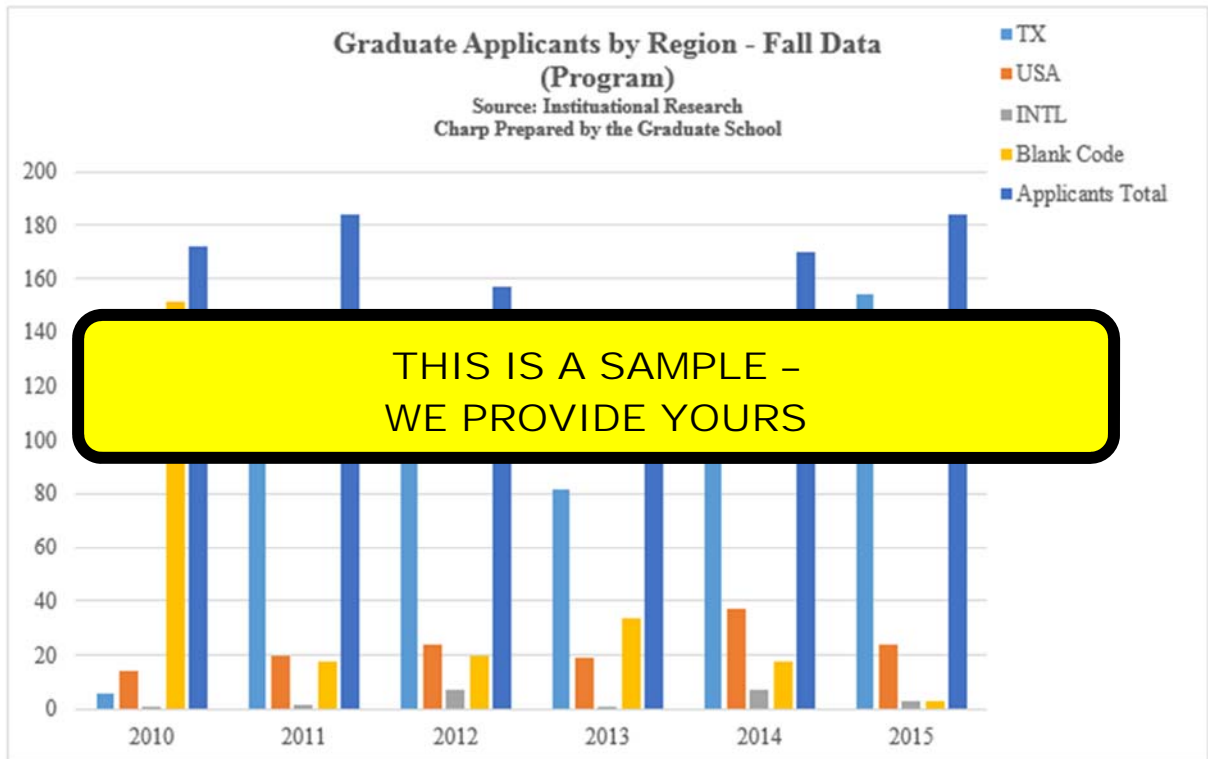
A. Applicants and enrolled students



| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|--------------------|------|------|------|------|------|------|
| Total Applicants | 172 | 184 | 157 | 136 | 170 | 184 |
| Total Admitted | 41 | 38 | 58 | 48 | 65 | 92 |
| New Grad Students | 29 | 16 | 20 | 17 | 35 | 44 |
| Students Graduated | 38 | 53 | 18 | 29 | 31 | 30 |

*Source: IR

**Students Graduated data is by Academic Year



| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|-------------------------|------|------|------|------|------|------|
| TX | 6 | 144 | 106 | 82 | 108 | 154 |
| USA | 14 | 20 | 24 | 19 | 37 | 24 |
| INTL | 1 | 2 | 7 | 1 | 7 | 3 |
| Blank Code | 151 | 18 | 20 | 34 | 18 | 3 |
| Applicants Total | 172 | 184 | 157 | 136 | 170 | 184 |

**Source: IR*

Program Name

| Graduate Applicants - Fall Data | | | | | | | | | | | | |
|---------------------------------|------|---|------|---|------|---|------|---|------|----|------|-----|
| | 2008 | | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | |
| | F | M | F | M | F | M | F | M | F | M | F | M |
| American Indian | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Asian | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 1 | 3 | 0 | 0 |
| Black, Not of Hispanic Origin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 |
| Hispanic | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 1 | 5 | 5 |
| Multiple | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 2 |
| Non-Resident Alien | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 118 | 19 | 125 | 125 |
| Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| White | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 4 | 24 | 24 |

| | | | | | | | | | | | | |
|--------------|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|
| Gender Total | 18 | 154 | 26 | 158 | 13 | 144 | 14 | 122 | 18 | 152 | 24 | 160 |
|--------------|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|

| | | | | | | |
|------------------|-----|-----|-----|-----|-----|-----|
| Total Applicants | 172 | 184 | 157 | 136 | 170 | 184 |
|------------------|-----|-----|-----|-----|-----|-----|

| Admitted Graduate Students - Fall Data | | | | | | | | | | | | |
|--|------|----|------|----|------|----|------|----|------|----|------|----|
| | 2008 | | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | |
| | F | M | F | M | F | M | F | M | F | M | F | M |
| American Indian | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Asian | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Black, Not of Hispanic Origin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 3 |
| Hispanic | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 4 | 4 |
| Multiple | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 2 |
| Non-Resident Alien | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 5 | 54 | 54 |
| Unknown | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| White | 0 | 10 | 2 | 15 | 2 | 16 | 0 | 10 | 2 | 18 | 4 | 18 |

| | | | | | | | | | | | | |
|--------------|---|----|---|----|---|----|---|----|---|----|----|----|
| Gender Total | 8 | 33 | 7 | 31 | 8 | 50 | 5 | 43 | 9 | 56 | 10 | 82 |
|--------------|---|----|---|----|---|----|---|----|---|----|----|----|

| | | | | | | |
|----------------|----|----|----|----|----|----|
| Total Admitted | 41 | 38 | 58 | 48 | 65 | 92 |
|----------------|----|----|----|----|----|----|

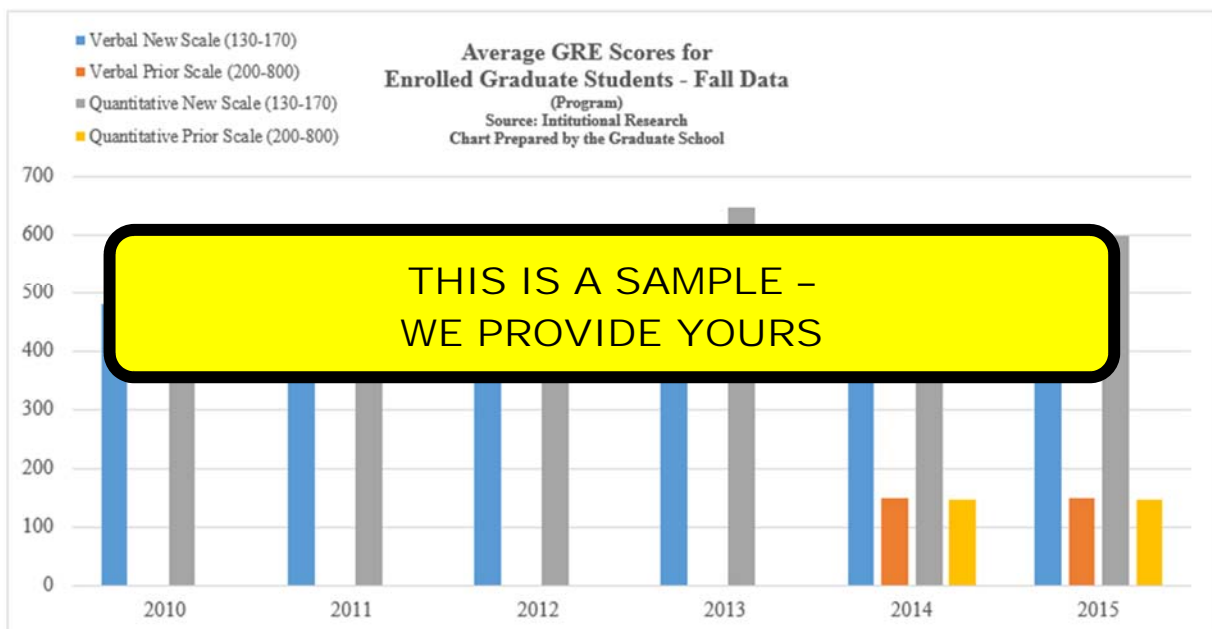
| Enrolled New Graduate Students - Fall Data | | | | | | | | | | | | |
|--|------|---|------|---|------|---|------|---|------|---|------|----|
| | 2008 | | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | |
| | F | M | F | M | F | M | F | M | F | M | F | M |
| Asian | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 |
| Black, Not of Hispanic Origin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 2 |
| Hispanic | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 2 | 2 |
| Multiple | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| Non-Resident Alien | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 1 | 21 | 21 |
| Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| White | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 2 | 15 | 15 |

| | | | | | | | | | | | | |
|--------------|---|----|---|----|---|----|---|----|---|----|---|----|
| Gender Total | 5 | 24 | 3 | 13 | 3 | 17 | 0 | 17 | 6 | 29 | 3 | 41 |
|--------------|---|----|---|----|---|----|---|----|---|----|---|----|

| | | | | | | |
|----------------|----|----|----|----|----|----|
| Total Enrolled | 29 | 16 | 20 | 17 | 35 | 44 |
|----------------|----|----|----|----|----|----|

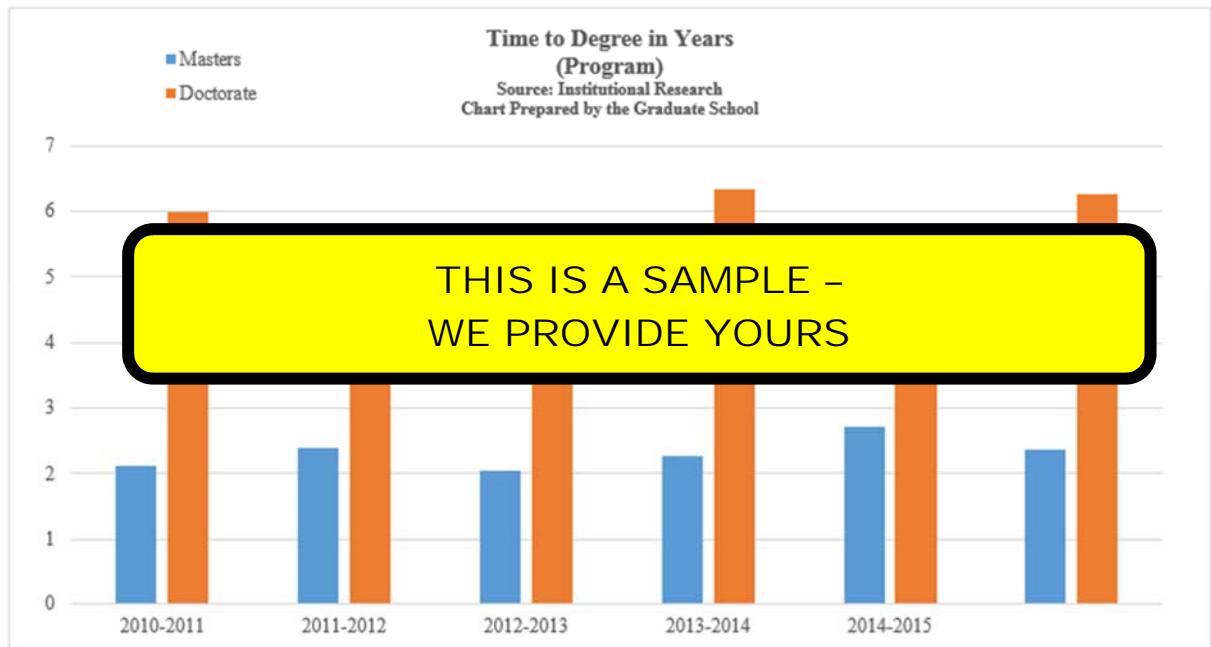
| Demographics of Enrolled Graduate Students - Fall Data | | | | | | | | | | | | |
|--|------|-----|------|----|------|----|------|-----|------|-----|------|-----|
| | 2008 | | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | |
| | F | M | F | M | F | M | F | M | F | M | F | M |
| Asian | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 4 | 1 | 7 | 1 | 7 |
| Black, Not of Hispanic Origin | 0 | | | | | | | | 3 | 0 | | 4 |
| Hispanic | 0 | | | | | | | | 9 | 1 | | 10 |
| Multiple | 0 | | | | | | | | 1 | 0 | | 1 |
| Non-Resident Alien | 13 | | | | | | | | 47 | 7 | | 62 |
| Unknown | 1 | | | | | | | | 1 | 0 | | 2 |
| White | 2 | | | | | | | | 39 | 5 | | 44 |
| Gender Total | 16 | 105 | 15 | 94 | 11 | 77 | 9 | 103 | 14 | 107 | 14 | 130 |
| Graduate | 121 | | 109 | | 88 | | 112 | | 121 | | 144 | |

B. GRE (see appendix H)



| Fall Data | | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|--------------|-----------------------|------|------|------|------|------|------|
| Verbal | New Scale (130-170) | 482 | 459 | 439 | 513 | 451 | 480 |
| | Prior Scale (200-800) | | | | | 149 | 149 |
| Quantitative | New Scale (130-170) | 502 | 597 | 538 | 648 | 573 | 600 |
| | Prior Scale (200-800) | | | | | 148 | 147 |

- C. Time to Degree in Years – Average years to graduate for all students graduating each year



| | 2010-2011 | 2011-2012 | 2012-2013 | 2013-2014 | 2014-2015 | 2015-2016 |
|------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Masters | 2.11 | 2.39 | 2.05 | 2.27 | 2.72 | 2.36 |
| Doctorate | 5.98 | 5.31 | 4.34 | 6.33 | 5.45 | 6.27 |

**Source: IR*

**Excludes Summer I and Summer II*

- D. Programs for mentoring and professional preparation of graduate students and department efforts to retain students and graduation rates

DEPARTMENT WRITES NARRATIVE

- E. Provide a breakdown of how many enrolled graduate students are RA's, TA's, GA's or GPTI's

DEPARTMENT COMPLETES

| | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 |
|---------------------------------------|-------|-------|-------|-------|-------|-------|
| Research Assistants | | | | | | |
| Teaching Assistants | | | | | | |
| Graduate Assistants | | | | | | |
| Graduate Part-Time Instructors | | | | | | |

**Source: The Department*

- F. Number of students who have received fellowships, scholarships and other awards

Graduate School Scholarships and Fellowships

Source and Table by the Graduate School

| AWARD | 10/11 | | 11/12 | | 12/13 | | 13/14 | | 14/15 | | 15/16 | |
|---|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|
| | \$ | #St. | \$ | #St. | \$ | #St. | \$ | #St. | \$ | #St. | \$ | #St. |
| American Mexican-Waterman | | | | | | | | | | | | |
| AT&T Chancellor's | | | | | | | | | | | | |
| CH Foundation | | | | | | | | | | | | |
| Helen Devitt Jones | | | | | | | | | | | | |
| H.D. Jones PT | | | | | | | | | | | | |
| Preston and Ima Smith | | | | | | | | | | | | |
| Step Toward Assisting Graduate Education | | | | | | | | | | | | |
| Summer Thesis/Dissertation Research | | | | | | | | | | | | |
| United Supermarkets | | | | | | | | | | | | |
| Water Conservation Research | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

National, University, Departmental and Local Scholarships and Fellowships
Source and Table by The Department

[illegible]

DEPARTMENT COMPLETES

Department

- G. Graduate Student Publications and Creative Activities – Number of discipline-related refereed papers/publications, juried creative/performance accomplishments, book chapters, books, and external presentations by Master and Doctoral students in the department.

DEPARTMENT COMPLETES

| Publication: | Refereed | | Non-Refereed | | Poster Presentations | | Other Activities | |
|---------------------|-----------------|---------------------|---------------------|---------------------|-----------------------------|---------------------|-------------------------|---------------------|
| Year | Thesis | Dissertation | Thesis | Dissertation | Thesis | Dissertation | Thesis | Dissertation |
| 2014 | | | | | | | | |
| 2013 | | | | | | | | |
| 2012 | | | | | | | | |
| 2011 | | | | | | | | |
| 2010 | | | | | | | | |
| 2009 | | | | | | | | |

**Source: The Department*

H. Initial position and place of employment of graduates over the past 6 years

| R# | Initial Position | Initial Employer | Location |
|-------------------------|------------------|------------------|----------|
| <u>2009-2010</u> | | | |
| | | | |
| | | | |
| | | | |
| <u>2010-2011</u> | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| <u>2011-2012</u> | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| <u>2012-2013</u> | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| <u>2013-2014</u> | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| <u>2014-2015</u> | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**Source: The Department*

I. Percentage (%) of full time students receiving financial support.

DEPARTMENT COMPLETES

| | | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|--|----------|-------------------------------|-------|-------|-------|-------|-------|
| Assistantships | N | | | | | | |
| | % | | | | | | |
| Scholarships and Fellowships (academic or research) | N | | | | | | |
| | % | | | | | | |
| N = number of students | | % = percent of total students | | | | | |

**Source: The Department*

J. Percentage of resident and distance/online students per year by level – Fall Data

DEPARTMENT COMPLETES

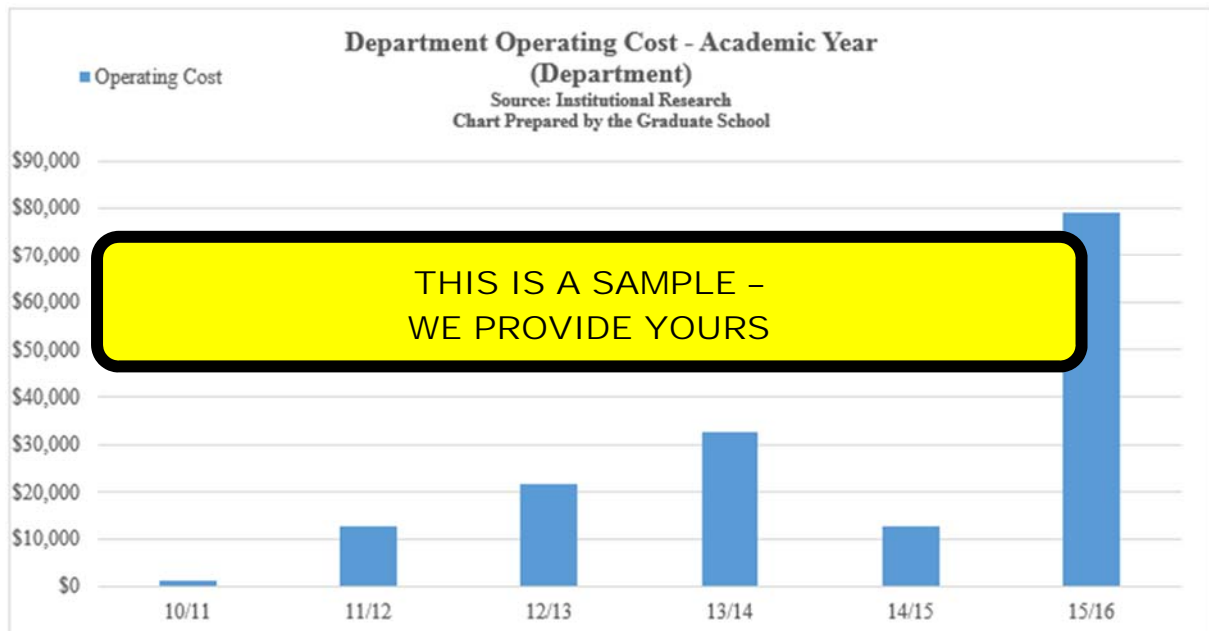
Percentage of Resident and Distance/Online Students per year by level

| Masters | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Resident | | | | | | |
| Distance/Online | | | | | | |

| Doctoral | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Resident | | | | | | |
| Distance/Online | | | | | | |

V. Department

A. Department operating expenses



| | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|----------------|---------|----------|----------|----------|----------|----------|
| Operating Cost | \$1,254 | \$12,546 | \$21,542 | \$32,658 | \$12,547 | \$78,965 |

*Source IR

Department Operating Costs as a Fraction of Employees (based on FTE)

DEPARTMENT COMPLETES

Department Operating Costs as a Fraction of Employees (based on FTE)

| | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|------------------------------|---------|----------|----------|----------|----------|----------|
| **Dept Operating Cost | \$1,254 | \$12,546 | \$21,542 | \$32,658 | \$12,547 | \$78,965 |
| *Faculty & Staff | | | | | | |
| *Dept Op Cost/FS | | | | | | |

**Source: AFISM

*Source: The Department

Org. #:

Department

B. Summary of proposals admitted and accepted

DEPARTMENT COMPLETES

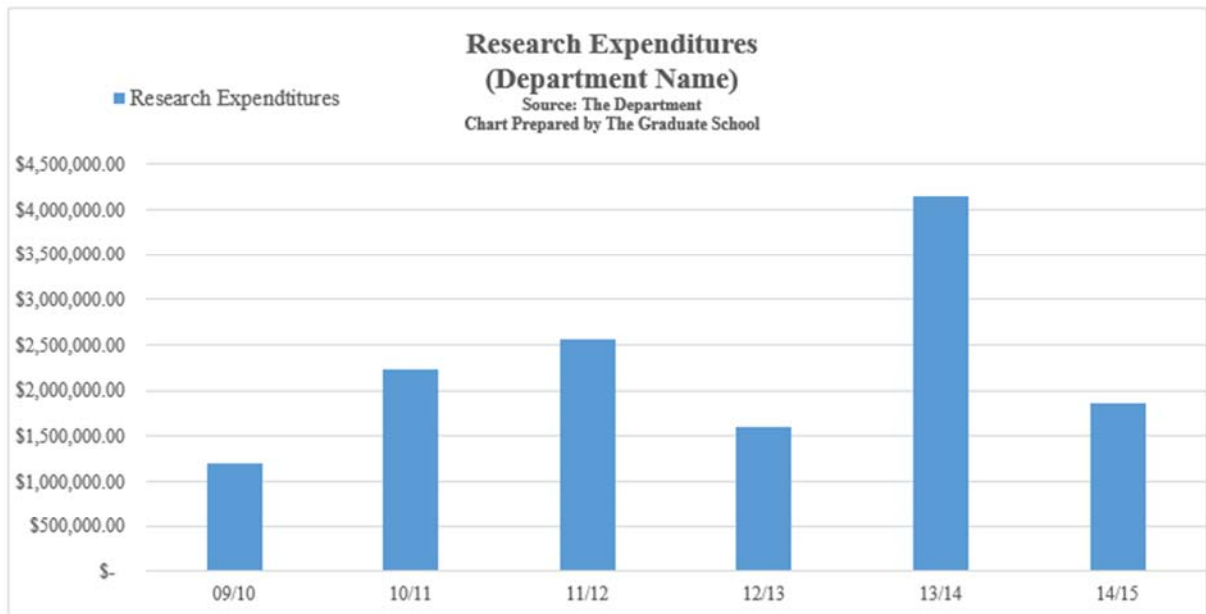
Summary of Number of Proposals Written and Accepted

| FY | Written | \$ | Accepted | \$ |
|-------------|----------------|-----------|-----------------|-----------|
| 2014 | | | | |
| 2013 | | | | |
| 2012 | | | | |
| 2011 | | | | |
| 2010 | | | | |
| 2009 | | | | |
| Grand Total | 0.00 | \$0.00 | 0.00 | \$0.00 |

**The number of proposals are calculated by summing up the percentage contribution of the faculty on the given proposal.*

C. External Research

DEPARTMENT COMPLETES



| FY | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 |
|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Research Expenditures | \$1,200,738.00 | \$2,225,049.00 | \$2,566,028.00 | \$1,602,888.00 | \$4,141,661.00 | \$1,861,043.00 |

*Source: The Department

| Comparison of Research Expenditures | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 |
|-------------------------------------|-------------|-------------|--------------|-------------|--------------|-------------|
| University of Arkansas | \$8,000,000 | \$9,500,000 | \$10,160,000 | \$9,200,000 | \$4,605,446 | \$4,655,953 |
| Iowa State University | \$1,567,333 | \$1,760,000 | \$891,000 | \$1,388,000 | \$754,500 | \$1,233,000 |
| University of Nebraska | \$813,521 | \$925,904 | \$1,033,116 | \$1,023,038 | \$1,280,133 | \$1,327,910 |
| Michigan State University | \$834,993 | \$1,124,809 | \$1,090,095 | \$848,420 | \$973,240 | \$1,357,267 |
| Kansas State University - Geography | \$165,536 | \$497,609 | \$423,393 | \$478,709 | \$1,118,409 | \$313,397 |
| Kansas State University - Geology | \$288,128 | \$172,352 | \$486,811 | \$162,184 | \$229,475 | \$292,622 |
| Texas Tech University | \$2,500,450 | \$7,761,231 | \$5,146,584 | \$891,396 | \$25,285,690 | \$659,546 |

*Source: The Department

**Based on calendar year

D. Internal Funding

DEPARTMENT COMPLETES

Source of Internal Funds (TTU)

**Source: The Department*

| | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 |
|---------------------------------|----------|----------|----------|----------|----------|----------|
| Research Enhancement | | | | | | |
| Research Incentive | | | | | | |
| Line Items | | | | | | |
| Interdisciplinary Seed Grants | | | | | | |
| New Faculty Start-ups | | | | | | |
| Matching from VP of Research | | | | | | |
| Special Needs and Opportunities | | | | | | |
| Research Promotion | | | | | | |
| Graduate School Fellowships | | | | | | |
| HEAF | | | | | | |
| TOTALS: | 0 | 0 | 0 | 0 | 0 | 0 |

E. Scholarships and Endowments

DEPARTMENT WRITES NARRATIVE AND COMPLETES

Endowment Amount (\$)

Source: The Department

| Name of Endowment | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 |
|-------------------|----------|----------|----------|----------|----------|----------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| TOTALS: | 0 | 0 | 0 | 0 | 0 | 0 |

F. Departmental resources for research and teaching (i.e., classroom space, lab facilities)

*Source: Planning and Administration
Table prepared by The Graduate School*

| Type of Space | Number of Rooms | Total Assignable Square Feet |
|--------------------------|-----------------|------------------------------|
| OFFICES: | 64 | 12,896.99 |
| LABS: | | 1,284.80 |
| STORAGE: | | - |
| TEACHING: | | 2424.22 |
| LIBRARY: | | - |
| OTHER: | 8 | 3077.22 |
| TOTAL SQUARE FEET | 117 | 49,683.23 |

G. HEAF expenditures

DEPARTMENT COMPLETES

| | Labs | Classroom | Other (Identify) | TOTAL |
|------|------|-----------|------------------|-------|
| 2014 | | | | 0 |
| 2013 | | | | 0 |
| 2012 | | | | 0 |
| 2011 | | | | 0 |
| 2010 | | | | 0 |
| 2009 | | | | 0 |

**Source: The Department*

H. External Program Accreditation – Name of body and date of last program accreditation review, if applicable. Include description of body and accreditation specifics.

DEPARTMENT WRITES NARRATIVE

I. Describe any Centers or Institutes within the unit and how they contribute to or benefit the graduate programs

DEPARTMENT WRITES NARRATIVE

- VI. Conclusion** – a one to two-page summary of the observed deficiencies and needs identified by your review; highlight areas of greatest need and areas of significant contributions

DEPARTMENT WRITES NARRATIVE

VII. Appendices – should include, but not be limited to, the following:

Table of Contents:

- A. Strategic Plan
 - Attachment from Strategic Planning website
DEPARTMENT PROVIDES COPY
- B. Curriculum Map
DEPARTMENT COMPLETES
- C. 18 Characteristics for Doctoral Programs
DEPARTMENT PROVIDES COPY
- D. Graduate Student Handbook
DEPARTMENT WRITES, SUPPLIES COPY OR LINK
- E. Graduate Student Association(s) – Descriptions and Information
DEPARTMENT WRITES NARRATIVE
- F. Graduate Faculty 6-Year Resumes (obtained from digital measures)
DEPARTMENT PROVIDES COPY
- G. GRE Revised General Test Scores
- H. Unit Assessment Report *from* ***TRACDAT***
DEPARTMENT PROVIDES
- I. Courses cross-listed (TANDEM)
DEPARTMENT PROVIDES

APPENDIX A

Strategic Plan

DEPARTMENT PROVIDES

-OR-

PROVIDES STATEMENT SUCH AS BELOW:

Our departmental strategic plan is located at the following website:
www.depts.ttu.edu/historydepartment/strategicplan

APPENDIX B

Curriculum Map

EXAMPLE BELOW REPLACE WITH TEMPLATE

| Texas Tech University Program Level - Curriculum Map | | | | | | | | | | | | | | |
|--|---|-----------|---|----------------------|--------------------|---|----------------------|--------------------|---|----------------------|--------------------|---|----------------------|--------------------|
| LEGEND | Date | 1/20/2015 | SELECTED PROGRAM LEARNING OUTCOMES | | | | | | | | | | | |
| | Degree Title: Interdisciplinary Studies | | Students will be able to demonstrate their advanced knowledge in three or more different fields of study. | | | Students will be able to integrate three or more fields of study. | | | Students will demonstrate mastery of written communication. | | | Students will demonstrate effective oral communication. | | |
| | | | | | | | | | | | | | | |
| | Courses in Degree Program | | [i] Outcome Statement (X, M) | [ii] Level (I, R, A) | [iii] Feedback (F) | [i] Outcome Statement (X, M) | [ii] Level (I, R, A) | [iii] Feedback (F) | [i] Outcome Statement (X, M) | [ii] Level (I, R, A) | [iii] Feedback (F) | [i] Outcome Statement (X, M) | [ii] Level (I, R, A) | [iii] Feedback (F) |
| <p>(I) OUTCOME STATEMENT:</p> <p>The program outcome is (x) EXPLICITLY (score of 2) or (m) IMPLICITLY (score of 1) reflected in the course syllabus as being one of the learning outcomes for this course.</p> <p>(II) LEVEL OF CONTENT DELIVERY:</p> <p>(I) INTRODUCED - Students are not expected to be familiar with the content or skill at the collegiate level. Instruction and learning activities focus on basic knowledge, skills, and/or competencies and entry-level complexity. Only one (or a few) aspect of a complex program outcome is addressed in the given course (score of 1).</p> <p>(R) REINFORCED - Students are expected to possess a basic level of knowledge and familiarity with the content or skills at the collegiate level. Instruction and learning activities concentrate on enhancing and strengthening knowledge, skills, and expanding complexity. Several aspects of the outcome are addressed in the given course, but these aspects are treated separately (score of 2).</p> <p>(A) ADVANCED - Students are expected to possess a strong foundation in the knowledge, skill, or competency at the collegiate level. Instructional and learning activities continue to build upon previous competencies with increased complexity. All components of the outcome are addressed in the integrative contexts (score of 3).</p> <p>(III) FEEDBACK ON STUDENT PERFORMANCE / ASSESSMENT:</p> <p>(F) Students are asked to demonstrate their learning on the outcome through homework, projects, tests, etc. and are provided formal Feedback (score of 1).</p> | RHIM 6350 | | X | A | F | M | R | F | M | R | F | M | R | |
| | RHIM 6316 | | X | A | F | M | R | F | M | R | F | M | R | |
| | RHIM 5341 | | X | R | F | M | R | F | M | R | F | M | R | |
| | RHIM 5375 | | X | R | F | M | R | F | M | R | F | M | R | |
| | PUAD 5335 | | X | R | F | M | R | F | X | R | F | M | R | |
| | PUAD 5343 | | X | R | F | M | R | F | X | R | F | M | R | |
| | PUAD 5345 | | X | A | F | M | R | F | X | R | F | M | R | |
| | PUAD 5348 | | X | A | F | M | R | F | X | R | F | M | R | |
| | MGT 5371 | | X | R | F | M | R | F | X | R | F | M | R | |
| | MGT 5384 | | X | A | F | M | R | F | X | R | F | M | R | |
| | MGT 5372 | | X | R | F | M | R | F | X | R | F | M | R | |
| | MGT 5391 | | X | A | F | M | R | F | X | R | F | M | R | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

Number of Courses:

12

Department

APPENDIX C

18 Characteristics (For the years under review)

18 Characteristics of Texas Public Doctoral Programs

Programs included only if in existence 3 or more years. Program is defined at the 8-digit CIP code level.

| | |
|--|-------------------------|
| | Department |
| | Doctoral Degree Program |

| 1 | Number of Degrees Per Year | FY 2011-2012 | FY 2012-2013 | FY 2013-2014 |
|---|--|--------------|--------------|--------------|
| | <i>Average, 2007-2009</i> <i>For each of the three most recent years, of the number of degrees awarded per academic year.</i> | 7 | 8 | 12 |

| 2 | Graduate Rates | Fall 2011 | Fall 2012 | Fall 2013 |
|---|--|-----------|-----------|-----------|
| | <i>Students Starting 1997-1999</i> <i>For each of the three most recent years, of the percent of first-year doctoral students² who graduated within ten years.</i> <i>²First-year doctoral students: Those students who have matriculated as doctoral students with a doctoral degree objective.</i> | 44% | 71% | 17% |

| 3 | Average Time to Degree | FY 2011-2012 | FY 2012-2013 | FY 2013-2014 |
|---|--|--------------|--------------|--------------|
| | <i>Students Starting 1997-1999</i> <i>For each of the three most recent years, average of the graduates' time to degree³</i> <i>³For each academic year, the time to degree is defined as beginning the year students matriculated with a doctoral degree objective until the year they graduated.</i> | 5.3 | 4.8 | 4.8 |

| 4 | Employment Profile - (in field within one year of graduation) | Fall 2011 | | Fall 2012 | | Fall 2013 | |
|---|--|-----------|---------|-----------|---------|-----------|---------|
| | <i>For each of the three most recent years, the number and percent of graduates by year employed, those still seeking employment, and unknown.</i> | Number | Percent | Number | Percent | Number | Percent |
| | Employed in Academia | 21 | 60 | 20 | 60.6 | | |
| | Employed as Post-Doctorates | 1 | 2.9 | 2 | 3 | | |
| | Employed in Industry/Professional | 6 | 17.1 | 6 | 18.2 | | |
| | Employed in Government | 0 | | 0 | 0 | | |
| | Still seeking employment | 2 | 5.7 | 4 | 12.1 | | |
| | Unknown | 5 | 14.3 | 2 | 6.1 | | |

| 5 | Admissions Criteria | http://www.math.ttu.edu/graduate/grad_appl_proc_b.shtml |
|---|----------------------------------|--|
| | Description of Admission Factors | 1) Graduate School Application 2) Official Transcripts 3) Official copy of the TOEFL scores (for international students) 4) Departmental Application form* 5) GRE scores* 6) Three letters of References * Required for Departmental Assistantship Application |

| 6 | Percentage of Full-time Students | Fall 2011 | Fall 2012 | Fall 2013 |
|---|---|-----------|-----------|-----------|
| | <i>FTS⁴/number students enrolled (headcount) for last three fall semesters.</i> <i>⁴Definition of Full Time Student (FTS) is institutional by program.</i> | 98.6% | 92.4% | 97.5% |

| 7 | Average Institutional Financial Support Provided | Fall 2011 | Fall 2012 | Fall 2013 |
|---|---|-----------|-----------|-----------|
| | <i>For those receiving financial support, the average monetary institutional support provided per full-time graduate student for the prior year from assistantships, scholarships, stipends, grants, and fellowships (does not include tuition or benefits).</i> <i>Note: This number represents the weighted average monthly salary of all Research & Teaching Assistants and Graduate Part-Time Instructors.</i> | | | |

| Percentage Full-time Students with Institutional Financial Support | Fall 2011 | Fall 2012 | Fall 2013 |
|--|-----------|-----------|-----------|
|--|-----------|-----------|-----------|

| | | | | |
|---|--|-----|--|--|
| 8 | In the prior year, the number of FTS with at least \$1000 of annual support/the number of FTS. | N/A | | |
|---|--|-----|--|--|

| Number of Core Faculty ⁵ Number of core faculty in the prior years | | Fall 2011 | Fall 2012 | Fall 2013 |
|--|--|-----------|-----------|-----------|
| 9 | ⁵ Core faculty: Full-time tenured and tenure-track faculty who teach 50 percent or more in the doctoral program or other individuals integral to the doctoral program who can direct dissertation research. | 47 | 47 | 49 |

| Student-Core Faculty Ratio | | Fall 2011 | Fall 2012 | Fall 2013 |
|----------------------------|--|-----------|-----------|-----------|
| 10 | For each of the three most recent years, average of full-time student equivalent (FTSE)/average of full-time faculty equivalent (FTFE) of core faculty | 1.17 | 2.42 | 2.14 |

| Core Faculty Publications For each of the three most recent calendar years, average of the number of discipline-related refereed papers/publications, books/book chapters, juried creative/performance accomplishments, and notices of discoveries filed/patents issued per core faculty member. | | | | |
|---|---|--------------------|--------------------|--------------------|
| 11 | | Calendar Year 2011 | Calendar Year 2012 | Calendar Year 2013 |
| | Refereed Papers/Publications | 52 | 63 | |
| | Books/Book Chapters | 5 | 5 | |
| | Juried Creative/Performance Accomplishments | 0 | 0 | |
| | Notices of Discoveries Filed/Patents | 0 | 0 | |

| Core Faculty External Grants For each of the three most recent years, average of the number of core faculty receiving external funds, average external funds per faculty, and total external funds per program per academic year ⁶ | | | | |
|--|--|-------------|-----------|-----------|
| 12 | ⁶ All external funds received by core faculty from any source including research grants, training grants, gifts from foundations, etc., reported as expenditures. | Fall 2011 | Fall 2012 | Fall 2013 |
| | Number of Core Faculty receiving external funds | 21 | 6 | |
| | Average External Grant \$ per Faculty | \$114,305 | \$10,262 | |
| | Total External Grant \$ | \$5,258,018 | \$461,796 | |

| Faculty Teaching Load | | Fall 2011 | Fall 2012 | Fall 2013 |
|-----------------------|---|-----------|-----------|-----------|
| 13 | Total number of semester credit hours in organized teaching courses taught per academic year by core faculty divided by the number of core faculty. | 332 | 170 | 190 |

| Faculty Diversity Core faculty by ethnicity (White, Black, Hispanic, other) and gender, | | | | | | | |
|--|----------|-----------|--------|-----------|--------|-----------|--------|
| 14 | | Fall 2011 | | Fall 2012 | | Fall 2013 | |
| | | Male | Female | Male | Female | Male | Female |
| | White | 46 | 6 | 23 | 3 | 23 | 3 |
| | Black | | 2 | | 1 | | 1 |
| | Hispanic | | | | | | |
| | Other | 32 | 4 | 15 | 5 | 17 | 5 |

| Student Diversity Enrollment headcount by ethnicity (White, Black, Hispanic, Other) and gender in program. | | | | | | | |
|---|----------|-----------|--------|-----------|--------|-----------|--------|
| 15 | | Fall 2011 | | Fall 2012 | | Fall 2013 | |
| | | Male | Female | Male | Female | Male | Female |
| | White | 12 | 11 | | | 10 | 10 |
| | Black | 1 | | | | | |
| | Hispanic | | 1 | | | 1 | |
| | Other | 25 | 22 | 28 | 25 | 30 | 28 |

| | | |
|----|---|------|
| 16 | Date of Last External Review Date of last formal external review. ⁷ ⁷ Six-year Texas Tech University Graduate Program Review | 2010 |
|----|---|------|

| | | |
|--|---------------------------------------|--|
| | External Program Accreditation | |
|--|---------------------------------------|--|

| | | |
|----|--|--|
| 17 | Name of body and date of last program accreditation review, if applicable. | |
|----|--|--|

| | | | | |
|----|--|--------------------|--------------------|--------------------|
| 18 | Student Publications/Presentations <i>For the three most recent calendar years, the number of discipline-related refereed papers/publications, juried creative/performance accomplishments, book chapters, books, and external presentations per year by student FTE</i> | | | |
| | | Calendar Year 2011 | Calendar Year 2012 | Calendar Year 2013 |
| | <i>Refereed Papers/Publications</i> | 23 | 17 | |
| | <i>Juried Creative/Performance Accomplishments</i> | 0 | | |
| | <i>Book Chapters</i> | 0 | 1 | |
| | <i>Books</i> | 0 | | |
| | <i>External Presentations</i> | 4 | 7 | |

APPENDIX D

Graduate Student Handbook

DEPARTMENT WRITES, SUPPLIES COPY OR LINK

-OR-

PROVIDES A STATEMENT SUCH AS:

Our graduate course offerings are located at the following website:

www.depts.ttu.edu/officialpublications/courses/HIST.html

APPENDIX E

Graduate Student Association(s) – Description and Information

DEPARTMENT WRITES NARRATIVE – a description and information about their Graduate Student Association(s)

-OR-

PROVIDES A STATEMENT SUCH AS: Our department does not have a Graduate Student Association – only an undergraduate one *-OR-* The first Graduate Student Association is being formed this year... *-OR-* Our department had a Graduate Student Association from 1995 until 1999, but disbanded because...

Department

APPENDIX F

GRADUATE FACULTY 6-YEAR RESUMES

DEPARTMENT PROVIDES – from digital measures

APPENDIX G

GRE revised General Test Scores

(Information taken from <http://www.ets.org/gre/institutions/scores/>)

For tests taken on or after August 1, 2011

| Section | Score Scale |
|------------------------|--------------------------------|
| Verbal Reasoning | 130-170, in 1-point increments |
| Quantitative Reasoning | 130-170, in 1-point increments |

For tests taken prior to August 1, 2011

| Section | Score Scale |
|------------------------|---------------------------------|
| Verbal Reasoning | 200-800, in 10-point increments |
| Quantitative Reasoning | 200-800, in 10-point increments |

APPENDIX H

UNIT ASSESSMENT REPORT – TRACDAT

DEPARTMENT PROVIDES

APPENDIX I

COURSES CROSS-LISTED (TANDEM)

DEPARTMENT PROVIDES

Department



TEXAS TECH UNIVERSITY
Graduate School™

Graduate Program Reviews 2006-2012

FACULTY AND STUDENT SURVEY RESULTS

College: Arts and Sciences

Department: Biological Sciences

Conducted by: Institutional Research & Information
Management

November 2012

FACULTY SURVEY RESULTS – Number of faculty participated in survey

| | |
|--------------------------|--|
| Professor | |
| Assoc. Professor | |
| Asst. Professor | |
| Emeritus | |
| Other | |
| PARTICIPANT TOTAL | |
| | |

SCALE

| | | | | | | |
|----------------|-------|---------|----------|-------------------|-----|---------|
| 5 | 4 | 3 | 2 | 1 | - | |
| Strongly Agree | Agree | Neutral | Disagree | Strongly Disagree | N/A | Average |

Q-1 The facilities and equipment available to teach graduate courses are adequate.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

Q-2 I have adequate access to facilities and equipment needed for my graduate work.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

Q-3 The quality and availability of departmental graduate student office space is adequate for my needs.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

Q-4 Library resources available to me are adequate.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

Q-5 Teaching resources (faculty, teaching assistants) are adequate to my needs.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

Q-6 The program offers an adequate selection of graduate courses, sufficient for timely completion of a full graduate program.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

Q-7 The graduate courses available are taught at an appropriate level and are of sufficient rigor.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

Q-8 The graduate teaching assistants available to faculty in the program are of appropriate quality.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

Q-9 Graduate courses in other fields, needed to support your program or minor, are sufficiently available.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

Q-10 There is adequate communication about policy and program changes in your department.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

Q-11 There is adequate communication from the upper administration regarding policy changes.

| | | | | | | |
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| | | | | | | |
|--|--|--|--|--|--|--|

Q-12 I am satisfied with the professional interaction with faculty throughout TTU.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

Q-13 Graduate courses in other fields, needed to support your program(s) or minors, are sufficiently accepted.

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Q-14 Graduate courses in other fields, needed to support your program(s) or minors, are sufficiently recommended by your advisor(s).

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Q-15 I am receiving the research and professional development guidance I need from other faculty.

| | | | | | | |
|-----------------------------|--|--|--|--|--|--|
| *Not reported for 2012-2013 | | | | | | |
|-----------------------------|--|--|--|--|--|--|

Q-16 I am satisfied with the professional interaction with the graduate program coordinator(s).

Department

Please feel free to add any additional comments or questions in the space below.

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STUDENT SURVEY RESULTS – BIOLOGICAL SCIENCES

Number of students participating in survey

| | |
|--------------------------|--|
| Doctoral | |
| Master's Thesis | |
| Other | |
| PARTICIPANT TOTAL | |

Student participant: Years in program

| | |
|----------------------|--|
| 1 ST year | |
| 2 nd year | |
| 3 rd year | |
| 4 th year | |
| 5 th year | |
| 6 th year | |

SCALE

| | | | | | | |
|----------------|-------|---------|----------|-------------------|-----|----------------|
| 5 | 4 | 3 | 2 | 1 | - | |
| Strongly Agree | Agree | Neutral | Disagree | Strongly Disagree | N/A | Average |

Q-1 The research facilities and equipment available for my graduate research meet my needs.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

Q-2 I have adequate access to facilities and equipment needed for my graduate work.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

Q-3 The quality and availability of departmental graduate student office space is adequate for my needs.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

Q-4 Library resources available to me are adequate for my needs.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

Q-5 Teaching resources (faculty, teaching assistants) are adequate to my needs.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

Q-6 The program offers an adequate selection of graduate courses, sufficient for timely completion of a full graduate program.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

Q-7 The graduate courses available are taught at an appropriate level and are of sufficient rigor.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

Q-8 The graduate teaching by faculty in the program is of appropriate quality.

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| | | | | | | |
|--|--|--|--|--|--|--|

Q-9 Graduate courses in other fields, needed to support my program or minor, are sufficiently available.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
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Q-10 Program seminars are adequate to keep me informed of developments in my field.

| | | | | | | |
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Q-11 The initial advising I received when I entered the program was an adequate orientation.

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Q-12 I have a department mailbox or other form of communication with faculty & graduate students.

| | | | | | | |
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Q-13 I have adequate access to my major professor.

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Q-14 I am receiving the research and professional development guidance I need.

| | | | | | | |
|--|--|--|--|--|--|--|
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Q-15 I am satisfied with the professional interaction with my major professor.

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Q-16 I am satisfied with the professional interaction with faculty both within the program and at TTU.

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Q-17 I am treated as a respected contributor to the research program in which I am involved.

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Q-18 I have been given an opportunity to be engaged in significant research for my thesis or dissertation.

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Q-19 If I decide to change my major professor, the mechanism for doing so is suitable.

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Q-20 I am informed of opportunities for professional development and contacts outside TTU, such as attendance at professional meetings.

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Q-21 Graduate teaching or research assistantship stipends are adequate.

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Q-22 The program offers adequate opportunity for its graduate students to gain teaching experience.

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Q-23 Graduate teaching assistantships, assignments are made equitably, based on established criteria.

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Q-24 Program policies are clearly defined and readily available to me.

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Q-25 Graduate program policies clearly identify petition and appeals procedures available to me.

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Q-26 There is a well-established mechanism for regular graduate student participation in decisions affecting students, whenever this is appropriate.

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STUDENT COMMENTS:

Department

What do you consider to be the strengths of this program?

[illegible]

What do you consider to be the weaknesses of this program?

[illegible]

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