TEXAS STATE UNIVERSITY

The rising STAR of Texas

18 Characteristics of Texas Public Doctoral Programs

Ph.D. in Aquatic Resources

1	**Number of Degrees Per Year** For each of the three most recent years, average of the number of degrees awarded per academic year.	2014-15	2015-16	2016-17	3 Yr Avg
		6	3	1	3

2	**Graduation Rates** For each of the three most recent years, average of the percent of first-year doctoral students who graduated within ten years. (First-year doctoral students: Those students who have matriculated as doctoral students with a doctoral degree objective.)	2014-15	2015-16	2016-17	3 Yr Avg
		66.7%	50.0%	100.0%	72.2%

3	**Average Time to Degree** For each of the three most recent years, average of the graduates' time to degree. (For 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.)	2014-15	2015-16	2016-17	3 Yr Avg
		4.3 years	5.3 years	4.6 years	4.7 years

4	**Employment Profile** (in field within one year of graduation) For each of the three most recent years, the number and percent of graduates by year employed, those still seeking employment, and unknown.		2014-15		2015-16		2016-17	
		Employed	4	67%	3	100%	1	100%
		Still seeking Employment	1	17%	0	0%	0	0%
		Unknown	1	17%	0	0%	0	0%

5	**Admission Criteria** Description of admission factors.	http://www.gradcollege.txstate.edu/programs/aquatic-resources-phd.html

6	**Percentage of Full-time Students** FTS/number students enrolled (headcount) for last three fall semesters.	FA 2015	FA 2016	FA 2017
		75.0%	81.1%	81.1%

7	**Average Institutional Financial Support Provided** 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).	2016-17
		$38,831

8	**Percentage Full-time students with Institutional Financial Support** In the prior year, the number of FTS with at least $1000 of annual support/the number of FTS.	2016-17
		97.0%

9	**Number of Core Faculty** Number of core faculty in the prior year. (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.)	2016-17
		25

10	**Student-Core Faculty Ratio** For each of the three most recent years, average of [doctoral] full-time student equivalent (FTSE)/average of [doctoral] full-time faculty equivalent (FTE) of core faculty.	2014-15	2015-16	2016-17	3 Yr Avg
		6 to 1	6 to 1	7 to 1	7 to 1

11	**Core Faculty Publications** For each of the three most recent 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.	2014-15	2015-16	2016-17	3 Yr Avg
		5.3	2.8	3.0	3.7

12	**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 (All external funds received by core faculty from any source including research grants, training grants, gifts from foundations, etc., reported as expenditures.)				
		2014-15	2015-16	2016-17	3 Yr Avg
	# Core Faculty receiving external funds	15	17	18	17
	Average external fund per faculty	$141,595	$100,034	$145,960	$129,196
	Total external funds per program	$2,123,929	$1,700,574	$2,627,282	$2,150,595

13	**Faculty Teaching Load** Total number of credit hours in organized teaching courses taught per academic year by core faculty divided by the number of core faculty.	2016-17
		22

14	**Faculty Diversity – Fall 2017** Doctoral faculty by ethnicity and gender, updated when changed.		White	Black	Hispanic	Other
		Female	7	0	1	0
		Male	14	0	2	1

15	**Student Diversity – Fall 2017** Enrollment headcount by ethnicity and gender in program during the prior year.		White	Black	Hispanic	Other
		Female	13	0	0	5
		Male	12	0	1	6

16	**Date of Last External Review** Date of last formal external review, updated when changed.	2012

17	**External Program Accreditation** Name of body and date of last program accreditation review, if applicable, updated when changed.	n/a[1]

18	**Student Publications/Presentations** For the three most recent years, the number of discipline-related refereed papers/publications, juried creative/performance accomplishments, book chapters, books, and external presentations per year by student FTE.	2014-15	2015-16	2016-17
		4.1	2.6	3.0

[1]No external accreditation body exists for this discipline.

Comments:

Program Description

Freshwater resources are critical for human survival and economic development, as well as for maintaining ecosystem health. Water scarcity also threatens food supplies and human health. To address this increasingly serious problem, aquatic resources scientists link and integrate scientific, technical, and socioeconomic elements in pursuit of sustainable aquatic resources in Texas, across the nation and around the world.

The Department of Biology at Texas State University offers a doctorate (PhD) in aquatic resources. With an emphasis on original research, the program is designed to provide depth and breadth of knowledge in aquatic resources and related disciplines, from the watershed to the population, organismal and microbial scale, including basic and applied research, and water systems management and policy.

Students learn the application of this research and knowledge, both independently and with other specialists, in a multidisciplinary environment. Graduates are prepared to identify and solve complex problems and issues relevant to the sustainable use of aquatic resources and ecosystems.