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Petroleum Engineering Technology and Safety Management
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ATMAE Accredited Degree Programs
Petroleum Services Baccalaureate (PSBS)
Petroleum Services Associate (PSAS)
Safety Technology Associate (STAS)
Initial Accreditation - November 1, 2007
Current Accreditation - November 1, 2011
Re-Accreditation Due - November 1, 2017

<http://www.atmae.org/accred/>

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About this Publication

In accordance with the Association of Technology, Management and Applied Engineering (ATMAE) accreditation standards to publish program performance and student achievement metrics, Nicholls State University's Petroleum Engineering Technology and Safety Management programs has prepared this publication. This information is provided in link on our department's main webpage located below the ATMAE logo.

The information contained herein provides trends about enrollment, graduation, degree progression, scholastic success and graduate placement and career options.

For more information about the Petroleum Engineering Technology and Safety Management programs at Nicholls, you can reach us by:

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Degree Enrollment Trends

1. The Petroleum Engineering Technology and Safety Management (PETS M) programs are designed as a 2 + 2 wherein students can earn an associate of science degree within two years and a bachelor of science in an additional two years. We offer ATMAE accredited degrees in the Petroleum Services Associates (PSAS), Safety Technology Associates (STAS) and a Petroleum Services bachelor of science (PSBS) with a concentration in Safety Technology (PSST) or exploration and production (PSEP).
2. The PETS M programs at Nicholls State University are one of the fastest growing on campus.
3. The PETS M Department is ranked the 9th largest on campus out of 23 total academic departments.
4. New student enrollment and graduates are increasing at Nicholls State University as represented in Figure 1 below.

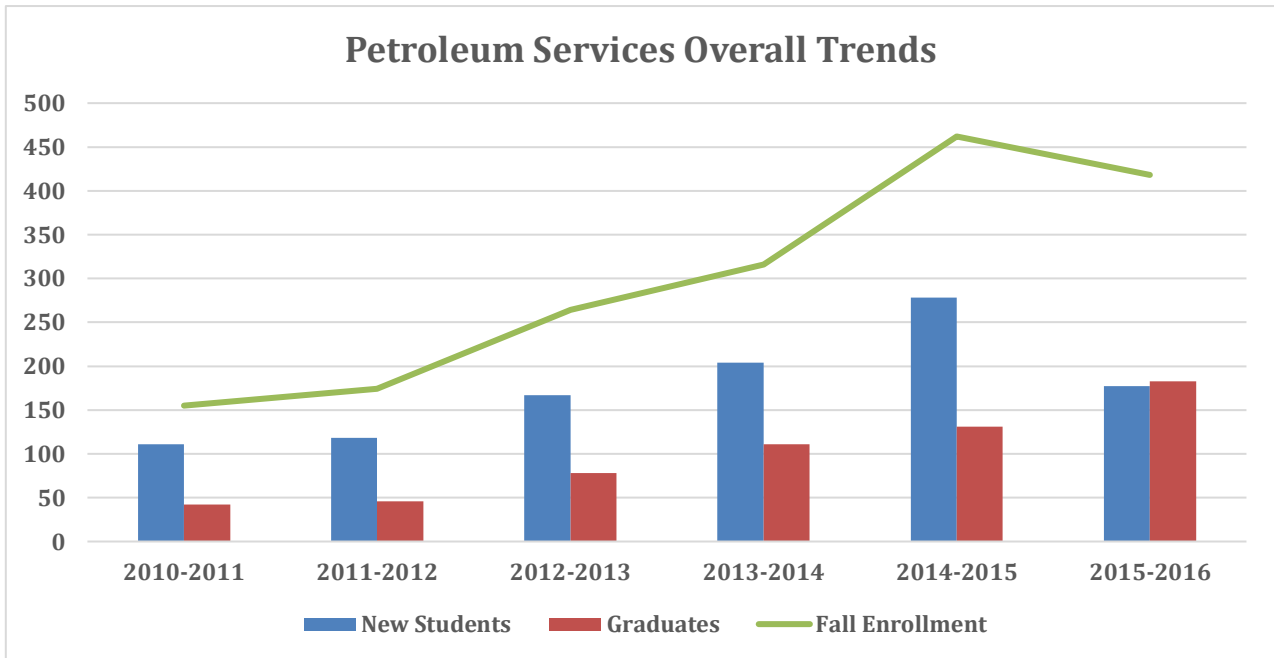


Figure 1

Source: Nicholls State Office of Institutional Research

Degree Graduation Rates

1. Figure 2 shows the 6 year historical total number of degrees awarded by each accredited academic program.

2. Total degree production has nearly doubled from 52 during academic year 2010-2011 to 183 in the 2015- 2016 period.

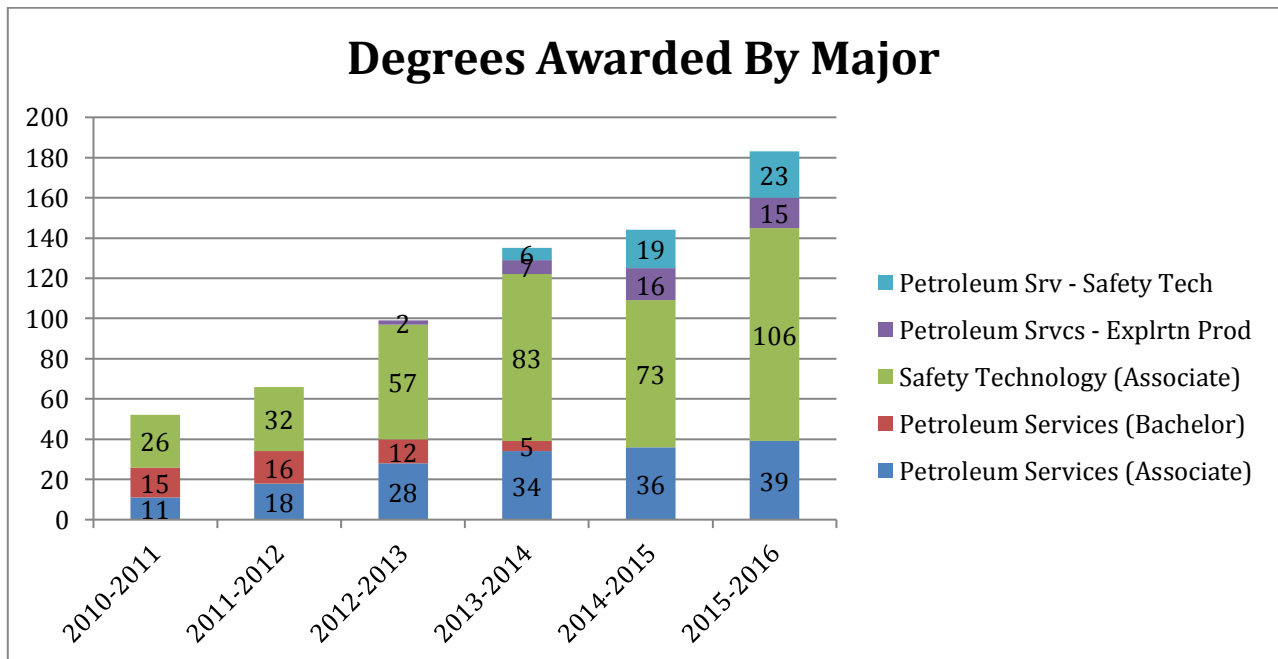


Figure 2

Source: Nicholls State Office of Institutional Research



Average Number of Years to Graduate

The Average Number of Years to Graduate is an average of the number of years it takes for students within the same graduation class to graduate. This average only includes students who began their college career at Nicholls as First-Time students. Table 1 represents the five year trends ending 2015-2016 academic year.

Year	PSBS	STAS	PSAS	NSU – BS	NSU - AS
2011-12	4	4.5	2	4.52	3
2012-13	6.25	2.1	-	4.77	2.56
2013-14	5.75	2.5	2.75	4.69	2.62
2014-15	4.17	2.67	-	4.57	3.83
2015-16	4	2.5	5	4.55	3.56
Average	4 years	2.9 years	3.25 years	4.6 years	3.1 years

Table 1 - Source: Nicholls State Office of Institutional Research



Scholastic Success of Graduates

1. Table 2 shows the average GPA at time of graduation by program for the academic year 2015 – 2016.
2. Graduating students in the petroleum services associates, safety technology associates and petroleum services bachelors of science have a combined average GPA of 2.8, 2.7 and 2.9 respectively. Petroleum Services graduates perform very well in comparison to other science, math and engineering related graduates at Nicholls.

2015-2016 Average GPAs by Program for Degrees Awarded

Department	Major	Count of ID	Average GPA
BIOL	BIOL	32	3.317
MATH	MATH	3	2.988
APSC	GEOM	5	2.631
MUS	MUSI	8	3.418
PETS	Total	191	2.835
	PSAS	39	2.800
	PSBS	39	2.935
	STAS	113	2.799
PHSC	CHEM	6	3.435
Arts & Sciences	Grand Total	542	2.809
Table 2 Source: Nicholls State Office of Institutional Research			



Graduation Placement Rates

1. Each year upon graduation a voluntary survey is completed by graduating students in the PETSM programs.
2. Data collected over the past academic year including fall 2015 and spring 2016 compares compare PETSM majors to other majors on campus employment status at the time of graduation.
3. Graduates of the PETSM major are more likely to be employed in their degree field upon graduation than other majors on campus.

Item	PETSM	All other Majors
I am employed full time within my degree field.	39.5%	34.5%
I am employed full time outside my degree field.	34.9%	13%
I am employed part-time within my degree field.	4.7%	13%
I am employed part-time outside my degree field.	9.3%	16.7%
I am not currently employed.	11.6%	22.8%

Table 3
Source: Fall 2015 to Spring 2016 Graduate Survey



Career Options

Since 1973, the Nicholls Petroleum Engineering Technology and Safety Management programs (formally known as Petroleum Services) have been educating leaders for the oil and gas industry.

Today we have 1,000's of graduate employed around the world. Many of whom are employed by companies represented to the right. Please check out our alumni spotlight featured at the following web link: <http://www.nicholls.edu/petsm/alumni-spotlight/> Through Nicholls Office of Career Services, students and alumni are connected with leading oil and gas companies, service providers and support industries with timely information regarding on full-time and part-time jobs. <http://www.nicholls.edu/career/>

Graduates of the PETSM associate level programs are often called “technologists” to distinguish them from graduates of bachelor program who are called “engineering technologists”. Technologists apply management theory and practice with technical skills to solve problems typically in an operational setting. Engineering Technologists are management specialist devoted to the implementation of existing technology within the oil and gas industry. They often work directly with engineers to carry out complex projects by applying engineering, technical and management principles.

Recent graduates found employment in the oil gas industry in the following areas:

- • Exploration (Drilling and Completions)
- • Production
- • Well Services
- • Plug and Abandonment
- • Health, Safety and Environmental
- • Support Industries

More information about the upstream oil and gas career options can be found at the following web links:

<http://www.spe.org/students/> <http://www.aade.org/student-sections/>
<http://www.asse.org/professionalaaffairs-new/career-res/>

Graduates tell us you can expect entry level starting salaries ranging from \$50,000 to \$80,000.

Companies are actively recruiting PETSM graduates for careers in the upstream oil and gas sector to address the “big crew change” effecting industry now as the baby boomer generation retires. Some estimates suggest that nearly 50% of workforce will retire this decade.