Nicholls State University
Thibodaux, LA 70310
College of Arts and Sciences
Petroleum Engineering Technology and Safety Management
Milton Saidu, Department Head
985-448-4747
Milton.saidu@nicholls.edu
www.nicholls.edu/petsm

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/

Information Updated as of Date: January 25, 2017
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:

Phone: 985-448-4739

Email: petsm@nicholls.edu

Web: www.nicholls.edu/petsm

LinkedIn: http://www.linkedin.com/groups/Nicholls-Petroleum-Engineering-Technology-Safety-4763934

Degree Enrollment Trends

1. The Petroleum Engineering Technology and Safety Management (PETSM) 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 PETSM programs at Nicholls State University are one of the fastest growing on campus.

3. The PETSM 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.
Petroleum Services Overall Trends

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.

---

**Degrees Awarded By Major**

![Bar chart showing degrees awarded by major from 2010-2011 to 2015-2016.](chart)

**Figure 2**

Source: Nicholls State Office of Institutional Research

Updated Jan 2017
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.

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

*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.

<table>
<thead>
<tr>
<th>Department</th>
<th>Major</th>
<th>Count of ID</th>
<th>Average GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL</td>
<td>BIOL</td>
<td>32</td>
<td>3.317</td>
</tr>
<tr>
<td>MATH</td>
<td>MATH</td>
<td>3</td>
<td>2.988</td>
</tr>
<tr>
<td>APSC</td>
<td>GEOM</td>
<td>5</td>
<td>2.631</td>
</tr>
<tr>
<td>MUS</td>
<td>MUSI</td>
<td>8</td>
<td>3.418</td>
</tr>
<tr>
<td>PETS</td>
<td>Total</td>
<td>191</td>
<td>2.835</td>
</tr>
<tr>
<td></td>
<td>PSAS</td>
<td>39</td>
<td>2.800</td>
</tr>
<tr>
<td></td>
<td>PSBS</td>
<td>39</td>
<td>2.935</td>
</tr>
<tr>
<td></td>
<td>STAS</td>
<td>113</td>
<td>2.799</td>
</tr>
<tr>
<td>PHSC</td>
<td>CHEM</td>
<td>6</td>
<td>3.435</td>
</tr>
<tr>
<td>Arts &amp; Sciences</td>
<td>Grand Total</td>
<td>542</td>
<td>2.809</td>
</tr>
</tbody>
</table>

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 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.

<table>
<thead>
<tr>
<th>Item</th>
<th>PETSM</th>
<th>All other Majors</th>
</tr>
</thead>
<tbody>
<tr>
<td>I am employed full time within my degree field.</td>
<td>39.5%</td>
<td>34.5%</td>
</tr>
<tr>
<td>I am employed full time outside my degree field.</td>
<td>34.9%</td>
<td>13%</td>
</tr>
<tr>
<td>I am employed part-time within my degree field.</td>
<td>4.7%</td>
<td>13%</td>
</tr>
<tr>
<td>I am employed part-time outside my degree field.</td>
<td>9.3%</td>
<td>16.7%</td>
</tr>
<tr>
<td>I am not currently employed.</td>
<td>11.6%</td>
<td>22.8%</td>
</tr>
</tbody>
</table>

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/professionalaffairs- 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.

Updated Jan 2017