The College of Engineering continually measures its progress in reaching important goals through its Key Performance Indicators, which are aligned with indicators of the university and the Board of Regents. These measures track students and their success, and faculty and their accomplishments in teaching, research and engagement.

**Engineering Enrollment**

Enrollment has grown over the past five years to record levels. From fall of 2014 to 2015, there is an overall increase of 6%. Undergraduate enrollment increased 5.7% and graduate is up 7.7% from the past year. College growth is a result of efforts to recruit students, improve retention and the academic success of students once on campus.

- **Fall 2011**: Graduate 6932, Undergraduate 5935
- **Fall 2012**: Graduate 7508, Undergraduate 6495
- **Fall 2013**: Graduate 8284, Undergraduate 7123
- **Fall 2014**: Graduate 8789, Undergraduate 7523
- **Fall 2015**: Graduate 9312, Undergraduate 7949

Graduate: Red
Undergraduate: Dark Brown

**Undergraduate Student Residency**

Resident enrollment from Iowa has increased steadily the past five years. Non-resident enrollment from other states and international markets is also growing, signaling diversification and broadening of the engineering college’s scope.

- **Fall 2011**: Resident 3267, Non-resident 2668
- **Fall 2012**: Resident 3367, Non-resident 3128
- **Fall 2013**: Resident 3530, Non-resident 3593
- **Fall 2014**: Resident 3572, Non-resident 3572
- **Fall 2015**: Resident 3951, Non-resident 3853

Resident: Red
Non-resident: Dark Brown
Engineering Degrees Conferred
Iowa State ranks in the top 12 programs conferring bachelor’s degrees in engineering. Graduation numbers represent summer, fall and spring of each academic year.

- **Graduate**
- **Undergraduate**

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<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Undergraduate</td>
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<td>312</td>
<td>274</td>
<td>1121</td>
<td>1155</td>
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<tr>
<td>Graduate</td>
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<td>859</td>
<td>990</td>
<td>338</td>
<td>319</td>
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</table>

Doctoral Degrees Conferred
Representing mastery of technical subject, the doctorate is the highest degree conferred by the engineering college. Graduation numbers represent summer, fall and spring of each academic year.

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<tbody>
<tr>
<td>Graduate</td>
<td>85</td>
<td>89</td>
<td>83</td>
<td>97</td>
<td>81</td>
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In-Profession Placement
This indicator measures the percentage of graduates that are employed, attending graduate school or in the military service. Graduates are surveyed at the time of graduation and six-months after graduation. The placement rate generally reflects the strength of the job market and economy.

- **At graduation**
- **6 months after**

<table>
<thead>
<tr>
<th>Year</th>
<th>2009-10</th>
<th>2010-11</th>
<th>2011-12</th>
<th>2012-13</th>
<th>2013-14</th>
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<tbody>
<tr>
<td>At graduation</td>
<td>90%</td>
<td>92%</td>
<td>95%</td>
<td>95%</td>
<td>98%</td>
</tr>
<tr>
<td>6 months after</td>
<td>63%</td>
<td>67%</td>
<td>73%</td>
<td>71%</td>
<td>76%</td>
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</table>
One-Year Retention for Students Entering Engineering

The success of engineering students arises from strong academic preparation, proactive advising and an emphasis on learning communities. Of the students who enter the college as freshmen, 75.9% study engineering in the second year, while an additional 13.6% pursue other majors on campus, for cumulative retention of 89.5%.

Six-Year Undergraduate Graduation Rate for Students Who Enter Engineering

The percentage of engineering students who graduate within six years is a commonly used time frame that accounts for such value-added factors as internships/co-ops, studying abroad, research, and on-campus leadership experiences. Of the students who enter the college as freshmen, 55.2% graduate in engineering, while an additional 18.2% graduate in other majors on campus, with a cumulative graduation rate of 73.4%.

Freshman Academic Preparation

The academic preparation of incoming engineering students is strong and steady. Students enter the College of Engineering with ACT composite scores at the 86th percentile, the highest among all colleges at Iowa State.
Tenured and Tenure-Eligible Faculty
Faculty numbers are on the rise as record-enrollment continues in the college. Current efforts to recruit and advance engineering faculty are expected to continue in the coming years.

Undergraduate and Graduate Student Diversity
New recruiting, advising, and bridge programs have led to modest increases of female, international and underrepresented minority students. These totals represent the percent of college enrollment for each category.

Sponsored Research Expenditures
Sponsored research is a measure of faculty scholarship, entrepreneurship, and innovation. Research activity continues strong as outstanding faculty members are recruited and advanced within the college and new interdisciplinary programs are established.