

2016 IE REPORT TRANSMITTAL FORM

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Date approved by Board of Trustees or Area Commission: Date

Clemson University Board of Trustees; 19 October 2012

approved by Commission on Higher Education:

22 March 2013

Check list of IE Reports due August 8, 2016

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Professional Examinations Table

Date Submitted:

August 8, 2016

CLEMSON UNIVERSITY

SUMMARY REPORT  
ON  
INSTITUTIONAL EFFECTIVENESS

SUBMITTED TO  
THE SOUTH CAROLINA COMMISSION ON HIGHER EDUCATION

AUGUST 2016

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## Clemson University – 2016 Annual IE

*Results of Professional Examinations*

**APPLICABLE TO ALL SECTORS – REPORTED FOR APRIL 1, 2015- MARCH 31, 2016**

According to Section 59-101-350, the Commission is responsible for collecting “student scores on professional examinations with detailed information on state and national means, passing scores, and pass rates, as available, and with information on such scores over time, and the number of students taking each exam” from four- and two-year institutions to be included in the annual report to the General Assembly. The Commission on Higher Education also uses this information as the primary source with which to fulfill requirements in Section 59-103-30 for performance funding to collect information on Instructional Quality and Graduates’ Achievements by looking at the scores of graduates on post-undergraduate professional, graduate, or employment-related examinations and certification tests.

Past committee work and the development of performance funding have defined the collection of this information to include only first-time test takers (except the teacher education exams at four-year institutions, which include all test takers) for those students who completed an examination during the period of **April 1, 2015 through March 31, 2016**. The following tables display the exams that each sector has reported in the past. Please use this list as a guide for the exams you report this year on the table provided.

**Please be aware that your institution may have students taking certification exams that have not been reported on in the past.** This would be the case if students were just beginning to complete a new program. In such cases, please report the scores and indicate that the exam is new to the table. New exams will not be used for Performance funding reporting.

***THE COMMISSION WILL REQUEST NATIONAL AND STATE PASS RATES AND ANY ADDITIONAL INFORMATION FOR THESE EXAMINATIONS, AS IT IS AVAILABLE, FROM NATIONAL AND STATE AGENCIES TO BE USED IN THE REPORT TO THE GENERAL ASSEMBLY. THESE NATIONAL AND STATE AGENCIES CAN BE FOUND IN “A CLOSER LOOK.”***

## Program-Specific Accreditation

Program-specific accreditations are a reliable indicator of the quality of particular academic programs. In addition to institutional accreditation through SACSCOC, academic programs may be accredited through program-specific accrediting bodies. The following table lists accredited programs at Clemson University in academic year 2015 - 2016.

Accrediting Agency and Degree Program	Accred Program	Fully-Accred. Program	Last Accred.	Next Accred.
<b>Association to Advance Collegiate Schools of Business - International (AACSB)</b>				
Business (BUS)-- Baccalaureate, Master's and Doctoral degree programs in business administration and management	X	X	2015	2020
Business (BUSA)-- Baccalaureate, Master's and Doctoral degree programs in accounting	X	X	2015	2020
<b>Accrediting Board for Engineering and Technology, Inc. (ABET)</b>				
Engineering (ENG) - Baccalaureate programs in engineering Master's programs in engineering	X	X	2012	2018
Computer Science (COMP)- Baccalaureate programs in computer science	X	X	2012	2018
<b>American Council for Construction Education (ACCE)</b>				
Construction Education (CONST) - Baccalaureate degree programs	X	X	2013	2019
Construction Education (CONST) - Master's degree programs	X	X	2012	2017

Accrediting Agency and Degree Program	Accred Program	Fully-Accred. Program	Last Accred.	Next Accred.
<b>American Society of Landscape Architects (ASLA)</b>				
Landscape Architecture (LSAR)-Baccalaureate programs leading to the first professional degree (BLA)	X	X	2014	2019
Landscape Architecture (LSAR)-Master's programs leading to the first professional degree (MLA)	X	X	2010	2016
<b>Accreditation Council for Education in Nutrition and Dietetics (ACEND)</b>				
Nutrition and Dietetics – Baccalaureate program	X	X	2007	2017
<b>Commission on Collegiate Nursing Education (CCNE)</b>				
Baccalaureate degree in nursing education programs	X	X	2010	2020
Graduate degree nursing education programs	X	X	2010	2020
<b>Council for Accreditation of Counseling and Related Education Programs (CACREP)</b>				
Master's degree programs to prepare individuals for community counseling, mental health counseling, marriage and family counseling, school counseling, student affairs practice in higher education	X	X	2015	10/31/2023

Accrediting Agency and Degree Program	Accred Program	Fully-Accred. Program	Last Accred.	Next Accred.
National Architectural Accrediting Board, Inc. (NAAB)				
Architecture (ARCH) - first professional degree programs	X	X	2011	2017
National Association of Schools of Arts and Design (NASAD)				
Art & Design (ART) - Degree-granting schools and departments and non-degree-granting schools	X	X	2015	AY 24/25
National Council for Accreditation of Teacher Education (NCATE now CAEP)				
Baccalaureate and graduate programs for the preparation of teachers and other professional personnel for elementary and secondary schools	X	X	2013	2020
National Recreation and Parks Association (COAPRT)				
Parks, Recreation, and Tourism Management - undergraduate and graduate programs	X	X	2015	2022
Planning Accreditation Board (PAB)				
Master of City and Regional Planning (MRCP)	X	X	1/1/15 - 12/31/18	AY 17/18
Society of American Foresters (SAF)				
Forestry (FOR) programs leading to a bachelor's degree or higher first professional degree	X	X	2012	2023

## Accounting

### CPA Examination

Since 1989 the School of Accountancy has held AACSB Accounting Accreditation for its undergraduate and graduate programs. Clemson University's Accounting programs were reaccredited in 2015 by AACSB. AACSB International is the premier accrediting agency for management education and the only grantor of accounting accreditation. South Carolina requires at least one year of accounting experience under the direct supervision and review of a CPA or Public Accountant who is licensed to practice in some state or territory of the United States, or the District of Columbia to sit for the CPA Examination and be licensed to practice. The faculty at Clemson believes the best preparation to sit for the CPA Examination is to wait until a master of accountancy degree program is substantially completed. Clemson has a coordinated undergraduate/graduate program that meets the 150-hour requirement to be licensed as a CPA. This program of study provides excellent preparation for the CPA Examination, as well as a career in accounting. The Master of Professional Accountancy (MPAcc) program added to the undergraduate program exceeds the 150-hour requirement for licensure, and allows the student to specialize in either assurance and management services or taxation.

## Architecture

### Architect Registration Examination (ARE)

The Architect Registration Examination (ARE) administered by the National Council of Architecture Accrediting Boards (NCARB) tests candidates on their knowledge, skills, and abilities in various aspects of the practice of architecture. The content of the ARE examination relates to actual situations that an architect will encounter in practice. The ARE treats the practice of architecture as an integrated whole measuring not just knowledge areas but also critical thinking and judgment. The most recent results available for the 2015 administration are provided in the figures that follow:

#### 2015 Architect Registration Examination (ARE) Scores for Clemson vs U.S.

	Programming, Planning, & Practice	Site Planning & Design	Building Design & Construction Systems	Schematic Design	Structural Systems	Building Systems	Construction Documents & Services
2015							
Clemson	64%	58%	78%	95%	67%	79%	60%
U.S.	60%	66%	64%	77%	66%	67%	58%
2014							
Clemson	68%	78%	60%	83%	72%	50%	82%
U.S.	62%	69%	64%	77%	68%	68%	62%

Source: <http://www.ncarb.org/ARE/ARE-Pass-Rates/Pass-Rates-by-School/2015-v4.aspx>

## Clemson Scores

## U.S. Scores

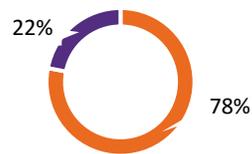
Programming  
Planning and  
Design



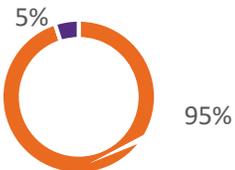
Site Planning &  
Design



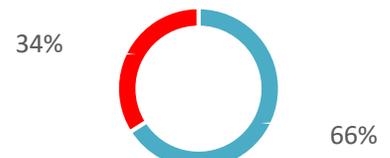
Building Design  
& Construction  
Systems



Schematic  
Design



Structural  
Systems



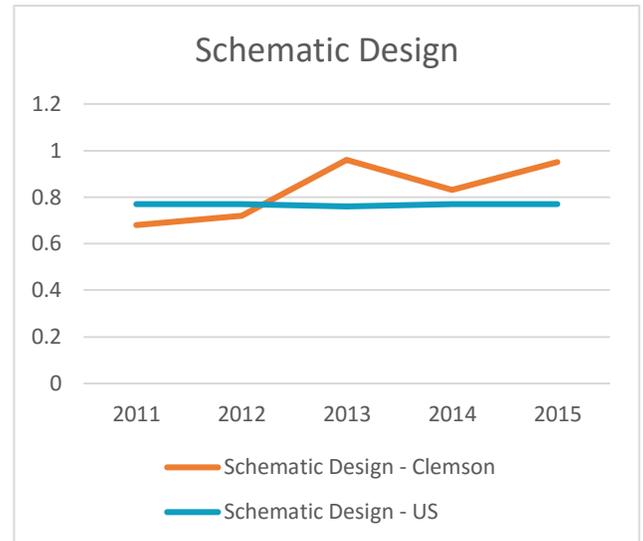
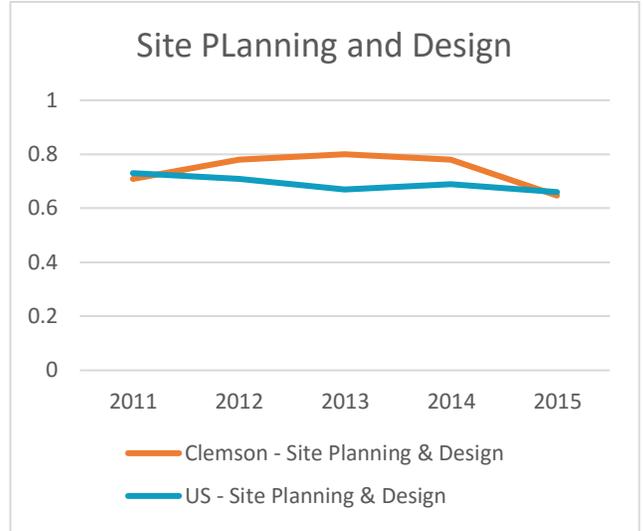
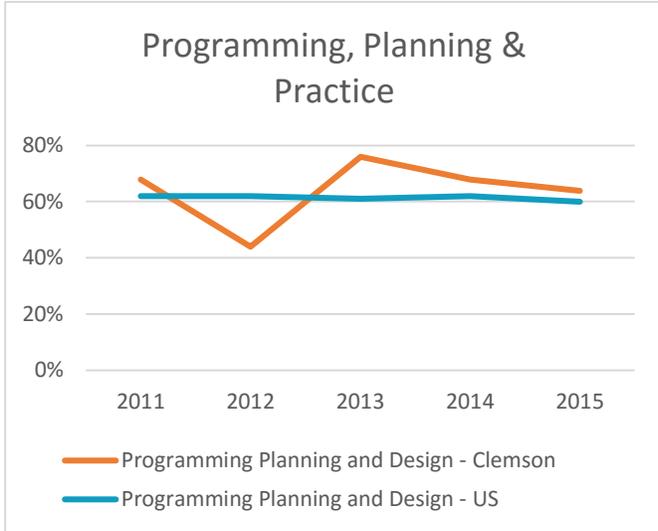
Building Systems

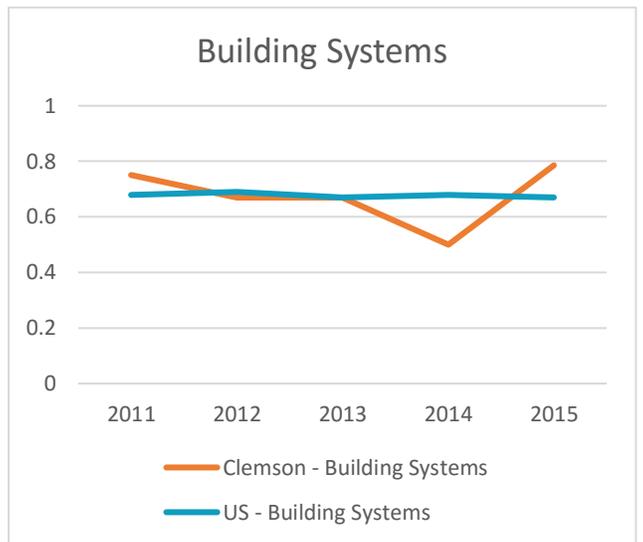
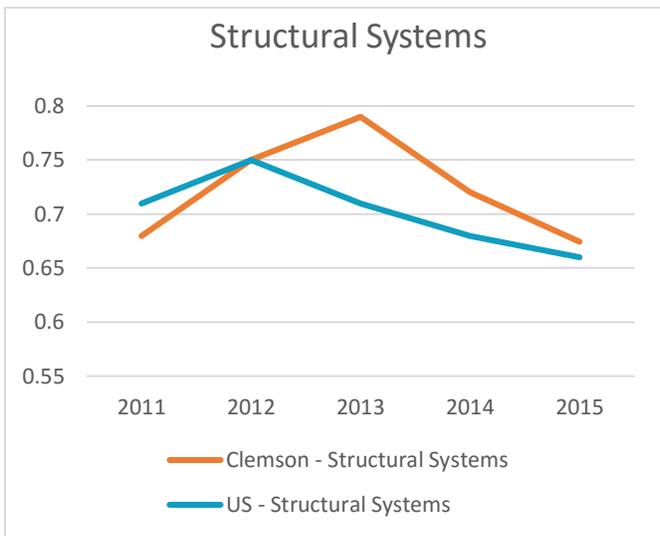
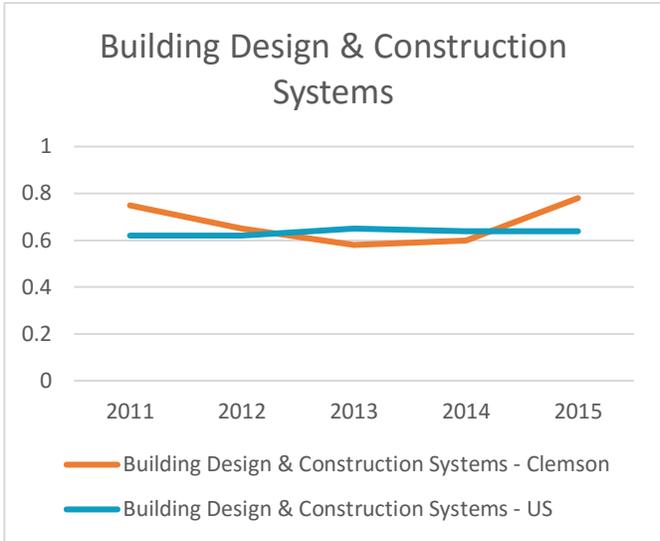


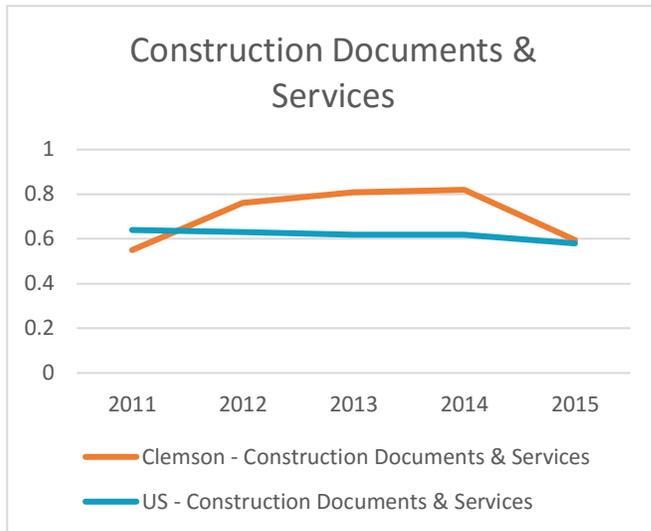
Construction  
Documents &  
Services



# Clemson vs U.S. ARE Pass Rates by Division (2011 – 2015)







Source: <http://www.ncarb.org/ARE/ARE-Pass-Rates/DivisionPR.aspx>.

See more at:

<http://www.ncarb.org/ARE/ARE-Pass-Rates/DivisionPR.aspx#sthash.5GSZyl45.dpuf>

## Construction Science and Management

### Constructor Certification Level 1

Clemson University's Bachelor of Science in construction science and management was established in 1962 and is accredited by the American Council for Construction Education. Below are the pass rates for the American Institute of Constructors Constructor Certification Level I examination for the past ten years:

#### Certification of Construction Science Graduates

Year	Pass Rate
2005	58%
2006	60%
2007	75%
2008	80%
2009	77%
2010	65%
2011	79%
2012	82%
2013	69%
2014	76%
2015	65%

The overall Clemson 2015 certification examination pass rate of 65% is a decline from peak scores over 2007-2012. In reviewing individual student scores in some areas it became clear to Construction Science and Management faculty that students simply sat for the test, not performing to their capability, inasmuch as a passing score was not required to pass a University course or to graduate. Faculty will discuss this issue at their fall 2016 retreat, and develop a plan of action to improve student motivation for future examinations.

## School of Education

### PRAXIS Examinations

State licensure is required for initial level teachers preparation program candidates to become practicing teachers in SC. Candidates must pass the PRAXIS I for admission to the professional level (junior-senior year) of education programs or may exempt PRAXIS I with state standard acceptable level of ACT or SAT scores. Candidates must take and pass PRAXIS II Principles of Learning and Teaching (PLT) and the subject area test(s) for their degree and content area. Clemson University's College of Education submits Title II Reports that generate official PRAXIS II licensure test pass rates annually. The 2014-15 Title II report was completed in April 2016. Clemson presents this official report below on 2014-15 program completers rather than providing a best estimate on the current year since the official Title II report is not yet released for the 2015-16 year's candidates.

Educational leadership, school counseling and literacy education advanced level programs require passes for PRAXIS II subject area tests for certification and practice as school counselors, school leaders, and literacy specialists. Pass rates for all three are 100% for 2015-16. These tests are not included in the table below.

#### PRAXIS II Examination Pass Rates: Initial Teacher Licensure Programs Program Completers 2014 - 2015\*

Name of Exam	Date(s) Administered	# of Examinees	# of Examinees who Passed	# of Tests Passed	% Tests Passed
<b>Praxis Series Ii: Principles Of Learning &amp; Teaching (Early Childhood)</b>	Computer based monthly	24	24	24	100%
<b>Praxis Series Ii: Principles Of Learning &amp; Teaching (K-6)</b>	Computer based monthly	62	62	62	100%
<b>Praxis Series Ii: Principles Of Learning &amp; Teaching (5-9)</b>	Computer based monthly	30	30	30	100%
<b>Praxis Series Ii: Principles Of Learning &amp; Teaching (7-12)</b>	Computer based monthly	61	61	60	98.4%
<b><i>Praxis Series Ii: Specialty Area Tests</i></b>	Computer based monthly	177	179	178	99.4%

\*There were 180 program completers in 2014 - 2015

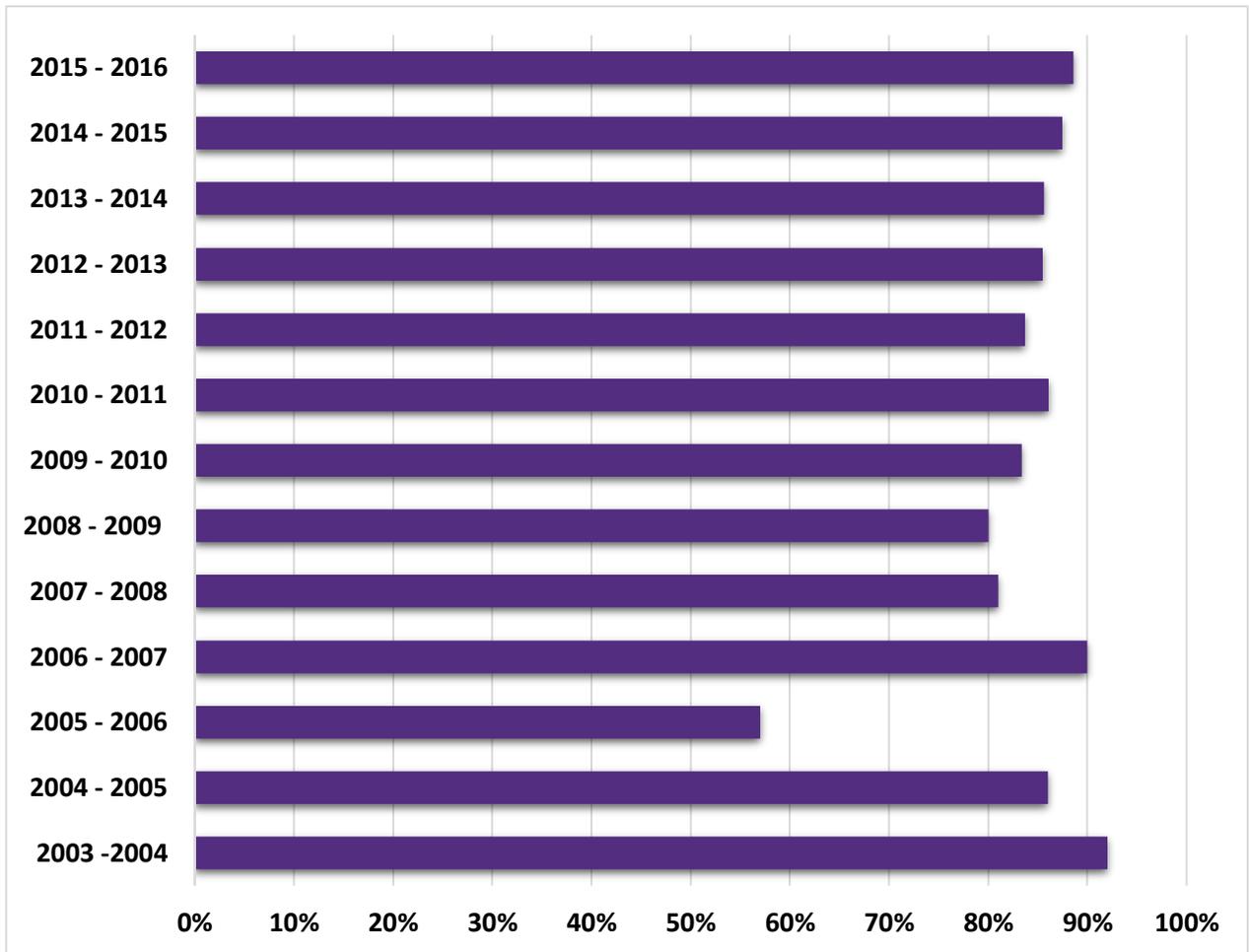
## Engineering

### Fundamentals of Engineering Examination

All seniors in the engineering programs at Clemson University are encouraged to take the Fundamentals of Engineering (FE) examination. The programs involved are: Bioengineering, Biosystems Engineering, Chemical and Biomolecular Engineering, Civil Engineering, Electrical and Computer Engineering, General Engineering, Industrial Engineering, Materials Science and Engineering, and Mechanical Engineering. The FE pass rates for all engineering programs for 2003-2015 are given below:

Academic Year	Percentage Passing
2003 - 2004	92%
2004 - 2005	86%
2005 - 2006	57%
2006 - 2007	90%
2007 - 2008	81%
2008 - 2009	80%
2009 - 2010	83.4%
2010 - 2011	86.1%
2011 - 2012	83.7%
2012 - 2013	85.5%
2013 - 2014	85.6%
2014 - 2015	87.5%
2015 - 2016	88.6%

### Percentage of FE Pass Rates (2003 - 2016)



## Nursing

### NCLEX Examination

Clemson University School of Nursing NCLEX pass rate for 2015 is 93.07% and is above the South Carolina and National average pass rates. We are continuing with a number of strategies that have led to our success in high pass rates over the past eight years seen in the table on the following page. Faculty members continue to carefully review the curriculum to identify and eliminate any areas of omission or excessive redundancy, and to coordinate content among courses in each semester to facilitate student application and long-term learning in preparation for professional nursing practice. The Kaplan comprehensive testing program is functioning well to prepare students throughout the Nursing program for NCLEX. This program includes specialty testing in each clinical area. Students are expected to pass the test at or above the national average before moving to the next semester. Alternate exams are available and the program offers a wide variety of online remediation for each specialty area. The identification and elimination of learning gaps in each area strengthens preparation as nursing professionals as well. These exams give the students additional practice on a nationally-normed exam with the NCLEX format, and provides additional resources if they need additional review in a particular content area. Before adopting this testing plan, many of our honors students were paying out of pocket for the live review following the completion of the program. Now, all students attend these strategy-focused testing reviews between final exams and graduation. The high stakes nature of the exam that is now required for employment justifies the additional testing and preparation.

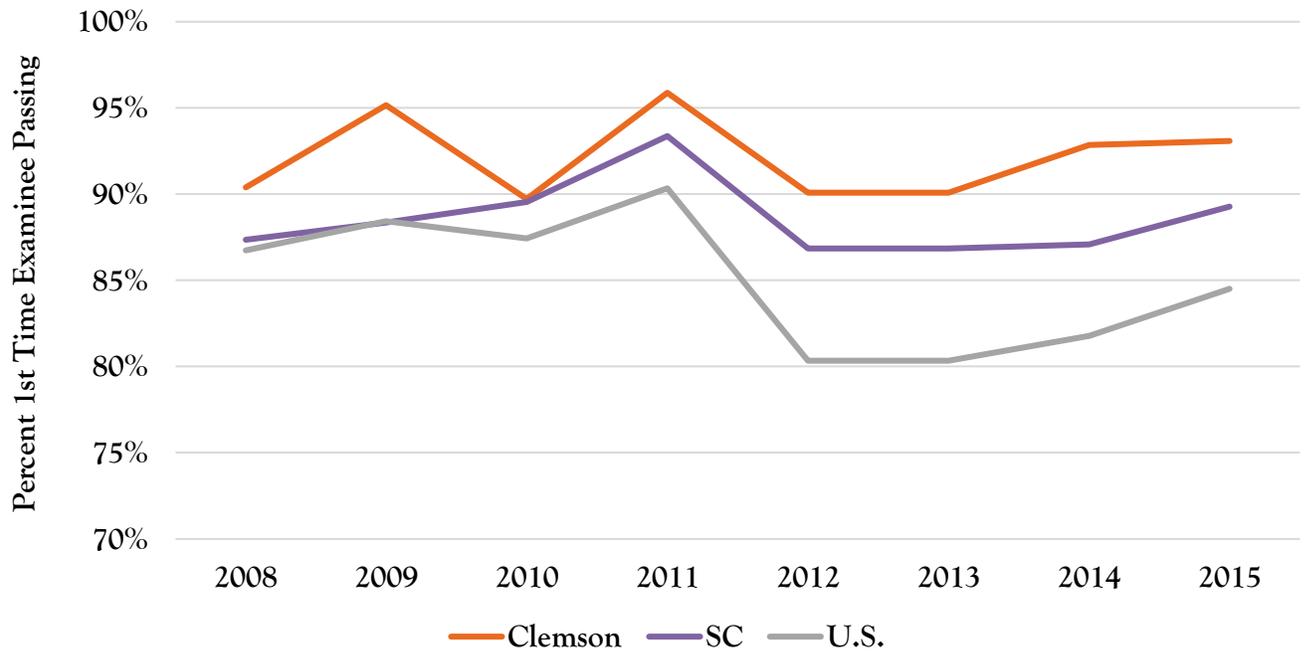
## National Council Licensure Exam (NCLEX) Pass Rates 2008-2015

National Council Licensure Exam (NCLEX) - Registered Nurse (BS)	Year	# of 1st Time Examinees	# of 1st Time Examinees who Passed	% 1st Time Examinees Passing
Clemson University	2008	104	94	90.4%
South Carolina NCLEX Pass Rate	2008	1,911	1,669	87.3%
National NCLEX Pass Rate	2008	129,114	111,979	86.7%
Clemson University	2009	103	98	95.2%
South Carolina NCLEX Pass Rate	2009	2,158	1,907	88.4%
National NCLEX Pass Rate	2009	134,728	119,131	88.4%
Clemson University	2010	107	96	89.7%
South Carolina NCLEX Pass Rate	2010	2,197	1,967	89.5%
National NCLEX Pass Rate	2010	140,883	123,158	87.4%
Clemson University	2011	114	104	91.2%
South Carolina NCLEX Pass Rate	2011	2,215	1,986	89.7%
National NCLEX Pass Rate	2011	144,565	127,074	87.9%
Clemson University	2012	97	93	95.9%
South Carolina NCLEX Pass Rate	2012	2,337	2,182	93.4%
National NCLEX Pass Rate	2012	150,251	135,743	90.3%
Clemson University	2013	101	91	90.1%
South Carolina NCLEX Pass Rate*	2013	2,297	1,995	86.9%
National NCLEX Pass Rate*	2013	155,095	128,792	80.3%
Clemson University*	2014	98	91	92.9%
South Carolina NCLEX Pass Rate*	2014	2,360	2,055	87.1%
National NCLEX Pass Rate*	2014	157,357	128,700	81.8%
Clemson University*	2015	101	94	93.1%
South Carolina NCLEX Pass Rate*	2015	2,357	2,104	89.3%
National NCLEX Pass Rate*	2015	157,955	133,495	84.5%

**Source: South Carolina Board of Nursing:**

<http://www.llr.state.sc.us/POL/Nursing/pdf/NursingPrograms/NCLEX%20for%20RN%20bsn%20LLR%20BON%20web%20page%202011.pdf>

### Clemson, South Carolina, and National NCLEX Pass Rates



## Nutrition and Dietetics

### CDR Examination

The Nutrition and Dietetics concentration within the Food Science program at Clemson University is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND®) as a Didactic Program in Dietetics (DPD). ACEND® is the Academy of Nutrition and Dietetics' accrediting agency for education programs that prepare students for careers as registered dietitians and nutritionists (RDN) or registered nutrition and dietetic technicians (NDTR), and is recognized by the United States Department of Education. ACEND® serves and protects students and the public by assuring the quality and continued improvement of nutrition and dietetics education programs.

To earn the Registered Dietitian Nutritionist (RDN) credential, students must complete a minimum of a bachelor's degree from a U.S. regionally accredited college/university or foreign equivalent, dietetics coursework accredited through ACEND®, an ACEND® accredited supervised practice program, and pass a national examination administered by the Commission on Dietetic Registration (CDR). Alumni who earn the RDN credential must complete 75 hours of continuing professional education every 5 years to maintain the RDN credential. Clemson's Nutrition and Dietetics concentration within the Food Science program allows students to complete the first step of the process to become an RDN.

To assure Clemson University's program is preparing students appropriately for practice, the performance of its graduates on the National Registration Examination for Dietitians is measured and monitored. To meet ACEND® accreditation requirements, a first-time pass rate of 80% is expected. Over the past five years, Clemson graduates have exceeded the expectation as shown in the table below:

The Commission on Dietetic Registration (CDR) Examination  
2011 - 2015 Clemson Scores

Year	Students Passing the CDR Exam			Pass Rate Percentages	
	Number of Students Taking the Exam for the First Time	Number of Students Passing on Their First Try	Number of Students Passing within One Year of Their First Try	First-Time Pass Rate	One-Year Pass Rate
				(B/A)	(C/A)
(A)	(B)	(C)	(B/A)	(C/A)	
2011	7	7	7	100%	100%
2012	11	9	11	82%	91%
2013	15	14	15	93%	100%
2014	20	17	19	85%	95%
2015	20	19	20	95%	100%
<b>5 Year Average</b>	<b>73</b>	<b>66</b>	<b>72</b>	<b>90.4%</b>	<b>98.6%</b>

The Registration Examination for Dietitians is a criterion-referenced multiple-choice test administered via computer adaptive testing. Each examinee is measured against a predetermined standard. This testing approach ensures only those candidates who possess sufficient knowledge and skill are eligible for entry-level dietetic practice.

Exam content represents four domains of dietetics practice – Principles of Dietetics (Domain I), Nutrition Care for Individuals and Groups (Domain II), Management of Food and Nutrition Programs and Services (Domain III), and Foodservice Systems (Domain IV). Exam results are reported as a total scaled score and two scaled sub-scores. The sub-scores reflect two categories of exam content – Nutrition (Domains I & II) and Food Service (Domains III & IV). The maximum total scaled score is 50, and the maximum-scaled sub-score for each category (i.e., Nutrition and Food Service) is 30. A minimum total scaled score of 25 is required to pass the exam.

and results of a Dietetics Practice Audit. ACEND® educational standards are updated every five years (next update 2017). A Dietetics Practice Audit is conducted every five years (next audit 2020). The last update to the exam was effective January 1, 2012. The next update to the exam will be effective January 1, 2017.

The table below compares the examination mean scaled scores of Clemson University graduates to national examination mean scaled scores:

### Scores on the Registration Examination (Clemson vs National)

Year		Total		Nutrition		Food Service	
		Mean	SD	Mean	SD	Mean	SD
2010	Clemson	29.50	2.96	18.50	3.20	16.75	2.38
2010	National	27.26	3.80	16.14	3.32	16.04	3.67
2011	Clemson	30.00	3.07	18.57	2.82	18.14	2.70
2011	National	27.55	3.89	16.33	3.41	16.42	3.84
2012*	<b>Clemson</b>	<b>28.43</b>	<b>4.37</b>	<b>17.43</b>	<b>3.50</b>	<b>16.57</b>	<b>4.97</b>
2012*	<b>National</b>	<b>27.44</b>	<b>3.94</b>	<b>16.35</b>	<b>3.42</b>	<b>16.12</b>	<b>3.74</b>
2013	Clemson	29.19	2.55	17.63	2.32	18.06	2.70
2013	National	27.42	3.96	16.29	3.38	16.26	3.74
2014	Clemson	27.55	3.00	16.77	2.67	15.95	2.80
2014	National	27.14	3.80	16.29	3.19	16.11	3.51
2015	Clemson	28.38	2.60	18.1	2.74	15.90	3.67
2015	National	26.89	4.13	16.96	4.28	15.90	4.69

SD = Standard Deviation

\*Reflects year exam content changed, occurring every 5 years.

## ETS Proficiency Profile

The ETS Proficiency Profile is a nationally-normed, standardized test that measures skills in critical thinking, reading, writing, mathematics, humanities, social sciences, and natural sciences. Since Fall 2011 all incoming freshmen have been required to take the test. In Spring 2016 all seniors were required to take the test. In this way we can do a longitudinal tracking on individual students to measure the “value-added” component of a Clemson education. Clemson University will be the first institution to use the Proficiency Profile in this way. The skill areas are scored from 100-130. The Overall Score is on a scale of 400-500. As may be seen from the following chart, Clemson students score significantly higher in each skill and in overall score than the national average (ETS 5-Year National Scores).

2010 – 2012 Freshmen vs. Senior Matched Pairs ETS Proficiency Profile Scores for all Tested Categories

Year of Incoming Freshmen Cohort	Class	Overall Score	Critical Thinking	Reading	Writing	Math	Humanities	Social Sciences	Natural Sciences
2010 – 11	As freshmen	447.45	112.10	118.73	115.70	114.47	114.38	114.13	115.08
	As Seniors	457.58	114.38	120.58	117.71	117.60	116.85	116.75	115.63
2011 – 12	As Freshmen	455.79	115.00	120.87	116.52	116.33	117.25	116.45	117.84
	As Seniors	462.89	115.85	121.74	117.81	119.23	117.67	116.28	119.08
ETS 5-Year	Freshmen	443.3	110.8	116.8	114.1	113.3	113.8	112.5	114.4
	Seniors	452.3	113.6	119.8	115.7	115.9	116.2	115.1	116.7

2010 – 2011 Freshmen vs. Senior Matched Pairs Average Score Differences

Year of Incoming Freshmen Cohort	# of Matched Test Takers	Senior – Freshman Score Difference				
		Average points difference		Average percentage difference		
		Total Scaled Score	Critical Thinking	Reading	Writing	Math
2010 – 11	38	10.13 ± 2.22 (m.e.)	2.28 ± 1.16 (m.e.)	1.85 ± 1.01 (m.e.)	1.90 ± 0.88 (m.e.)	2.48 ± 0.91 (m.e.)
		2.27% ± 0.49%	2.10% ± 1.00%	1.67% ± 0.88%	1.73% ± 0.76%	2.30% ± 0.83%
2011 – 12	198	7.09 ± 1.13 (m.e.)	0.86 ± 0.44 (m.e.)	0.86 ± 0.49 (m.e.)	0.87 ± 0.37 (m.e.)	1.29 ± 0.41 (m.e.)
		1.60% ± 0.25%	0.87% ± 0.39%	0.87% ± 0.42%	0.85% ± 0.32%	1.20% ± 0.36%

Note: (m.e.) = mean error

## Graduate Record Examination (GRE) Scores

The Graduate Record Examination (GRE®) is not a professional licensure examination, but it provides insights into the general performance of students. The table below provides scores on Clemson University undergraduates who selected to take the examination and who applied to graduate programs at Clemson University. A second table provides worldwide scores across the three GRE sections. Undergraduate or graduate students may take the examination, and it may be taken multiple times.

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\* *Clemson undergraduates who applied to Clemson graduate programs.*

### GRE Results for Clemson University Undergraduates Who Applied to Clemson Graduate Programs (Academic Year: 2014 -2015)

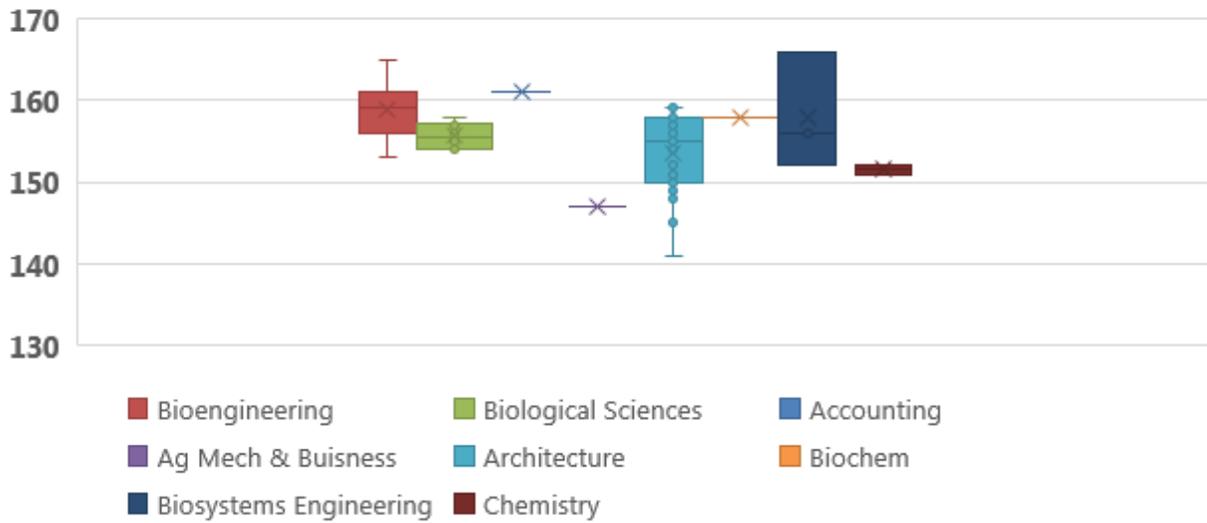
Discipline	# of Exam Takers	Quant Score Average	Quant Score Range	Verbal Score Average	Verbal Score Range	Written Score Average	Written Score Range
Accounting	1	161.0	161 - 161	165.0	165 - 165	5.0	5 - 5
Ag Mech and Business	1	147.0	147 - 147	148.0	148 - 148	3.5	3.5 - 3.5
Animal Veterinary Science	0	0	0 - 0	0	0 - 0	0	0 - 0
Architecture	23	153.7	141 - 159	154.6	145 - 162	4.0	2.5 - 5.5
Biochemistry	1		158 - 158	157.0	157 - 157	4.0	4 - 4
Biological Sciences	6	155.7	154 - 158	158.2	152 - 163	4.0	3.5 - 5
Bioengineering	15	158.9	153 - 165	156.3	150 - 165	4.0	3 - 4.5
Biosystems Engineering	3	158.0	152 - 166	155.3	147 - 160	3.8	3.5 - 4.5
Chemistry	2	151.5	151 - 152	150.0	149 - 151	4.3	3.5 - 5
Chemical Engineering	4	162.0	156 - 167	160.0	150 - 166	4.5	3.5 - 5
Civil Engineering	6	157.2	150 - 161	153.5	145 - 166	3.4	2.5 - 4.5
Communication Studies	4	147.8	140 - 152	153.8	152 - 156	4.1	4 - 4.5
Computer Engineering	6	161.8	155 - 167	157.5	152 - 162	4.3	3.5 - 5.5
Computer Science	3	151.0	146 - 161	154.7	152 - 160	4.0	4 - 4
Construction Science Management	1	152.0	152 - 152	154.0	154 - 154	3.0	3 - 3
Economics	2	148.0	148 - 148	140.0	140 - 140	2.0	2 - 2

## GRE Results for Clemson University Undergraduates Who Applied to Clemson Graduate Programs (Academic Year: 2014 -2015)

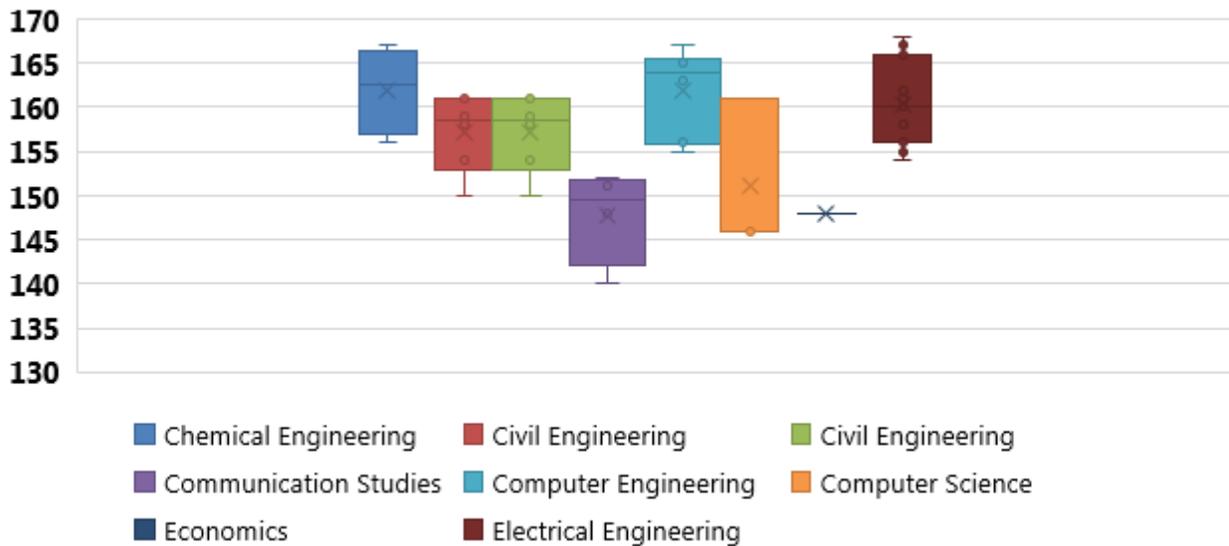
Discipline	# of Exam Takers	Quant Score Average	Quant Score Range	Verbal Score Average	Verbal Score Range	Written Score Average	Written Score Range
Elementary Education	0	0	0 - 0	0	0 - 0	0	0 - 0
Electrical Engineering	15	160.4	154 - 168	156.9	148 - 165	4.0	3 - 5
English	4	146.8	142 - 154	154.8	148 - 160	3.8	3 - 4
Environmental Engineering	1	157.0	157 - 157	153.0	153 - 153	3.5	3.5 - 3.5
Environmental and Natural Resources	3	147.3	138 - 155	151.0	150 - 152	3.3	3 - 4
Food Science	4	152.5	148 - 157	151.8	146 - 158	3.9	3 - 4.5
Forest Resources	1	153.0	153 - 153	157.0	157 - 157	4.5	4.5 - 4.5
Genetics	1	153.0	153 - 153	156.0	156 - 156	4.5	4.5 - 4.5
Geology	1	157.0	157 - 157	148.0	148 - 148	4.0	4 - 4
Health Science	6	149.2	143 - 161	148.5	139 - 155	3.9	3 - 4.5
History	6	154.7	147 - 159	157.8	154 - 166	4.4	3 - 5
Industrial Engineering	2	151.0	150 - 150	148.5	147 - 147	3.8	3.5 - 4
Landscape Architecture	1	140.0	140 - 140	150.0	150 - 150	3.0	3 - 3
Management	1	146.0	146 - 146	146.0	146 - 146	3.0	3 - 3
Material Science & Engineering	4	155.8	148 - 164	157.0	151 - 160	4.4	3.5 - 5.5
Mathematical Sciences	4	161.8	161 - 162	154.0	151 - 156	4.4	3 - 5
Mathematical Engineering	17	160.5	154 - 168	156.6	146 - 165	4.2	3 - 5
Microbiology	1	162.0	162 - 162	169.0	169 - 169	4.5	4.5 - 4.5
Nursing	2	146.5	145 - 145	148.5	148 - 149	2.8	2.5 - 3
PRTM	2	145.5	140 - 140	146.0	140 - 152	3.8	2.5 - 5
Physics	1	156.0	156 - 156	160.0	160 - 160	4.0	4 - 4
Psychology	21	148.3	137 - 157	151.5	137 - 162	4.0	2.5 - 5.5
Secondary Education	3	149.7	148 - 151	156.3	154 - 158	4.2	4 - 4.5
Special Education	0	0	0 - 0	0	0 - 0	0	0 - 0
Visual Arts	2	147.0	147 - 147	134.0	134 - 134	3.0	3 - 3
Wildlife & Fisheries	1	144.0	144 - 144	145.0	145 - 145	4.0	4 - 4
<b>Clemson Averages (2014 - 2015)</b>	182 (total)	152.9	-	153.2	-	3.6	-
<b>World Wide GRE Average Scores (2012 - 2015)</b>	1,694,715	152.47	-	150.2	-	3.5	-

Clemson Graduates Graduate Record Examination Results Graph

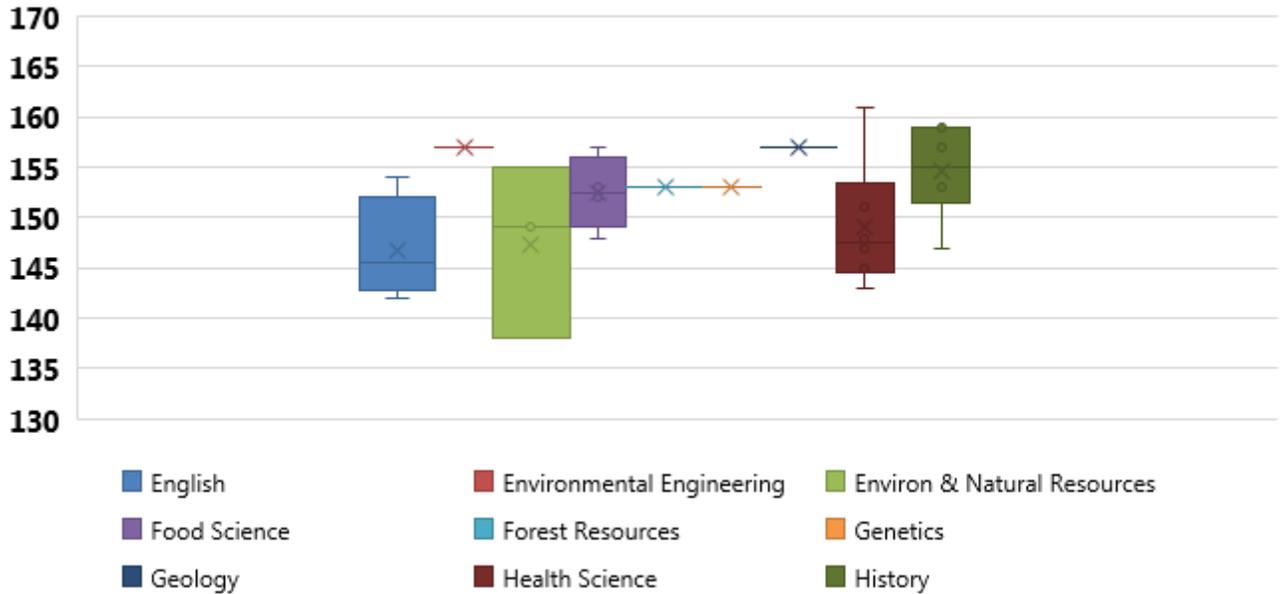
**Quant GRE Score Ranges by Department (A)**



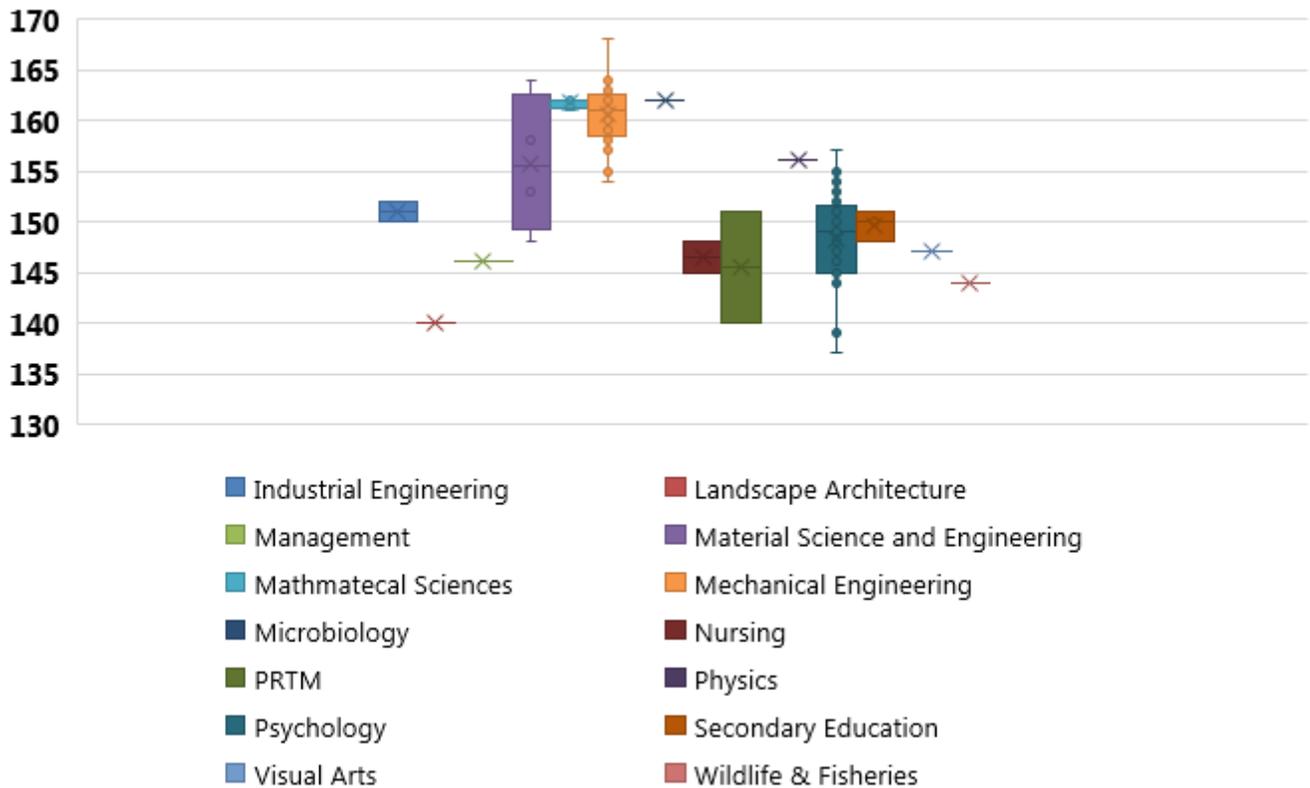
**Quant GRE Score Ranges by Department (B)**



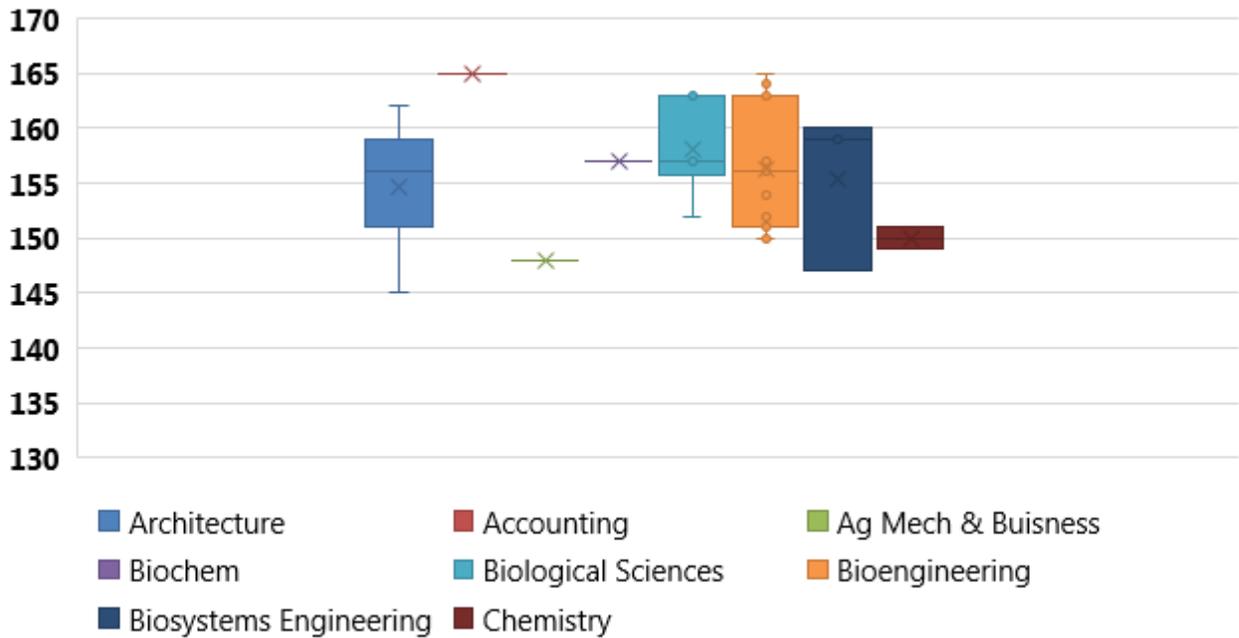
**Quant GRE Scores by Department (C)**



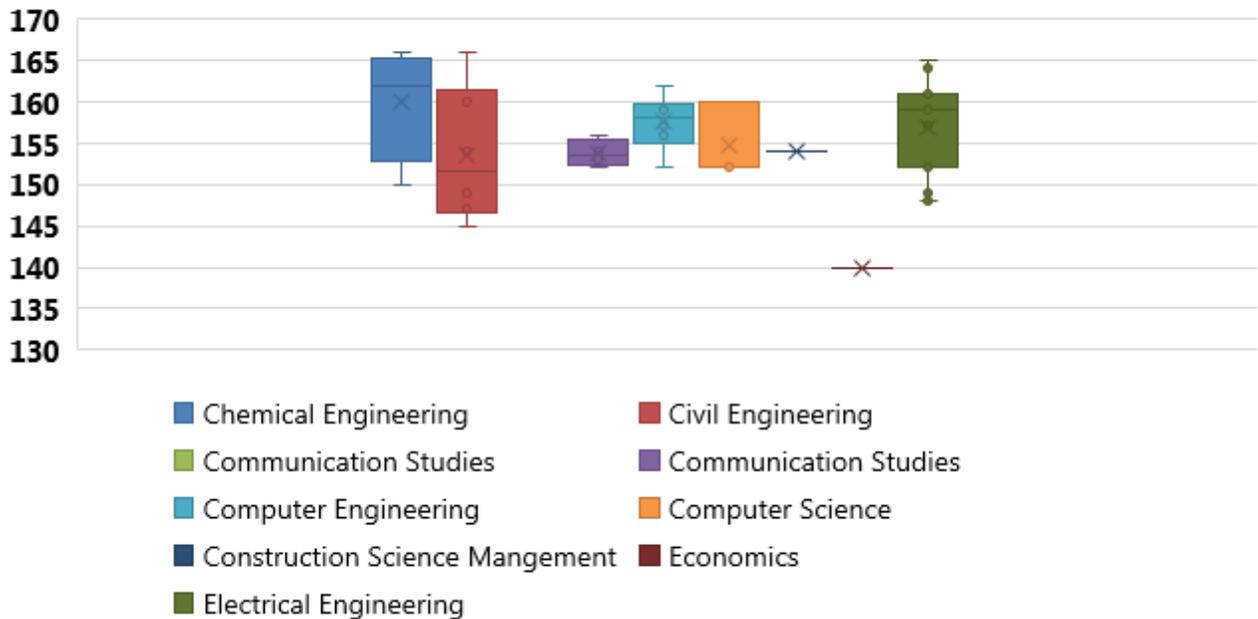
**Quant GRE Scores by Department (D)**



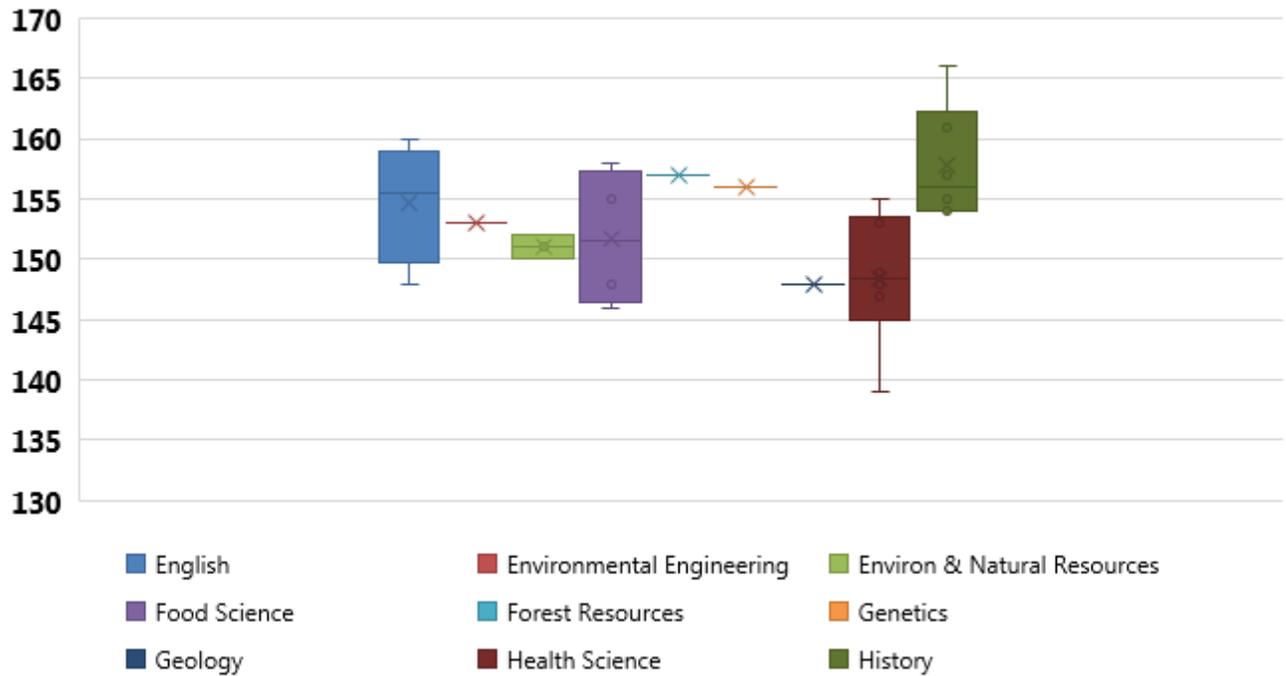
**Verbal GRE Scores by Department (A)**



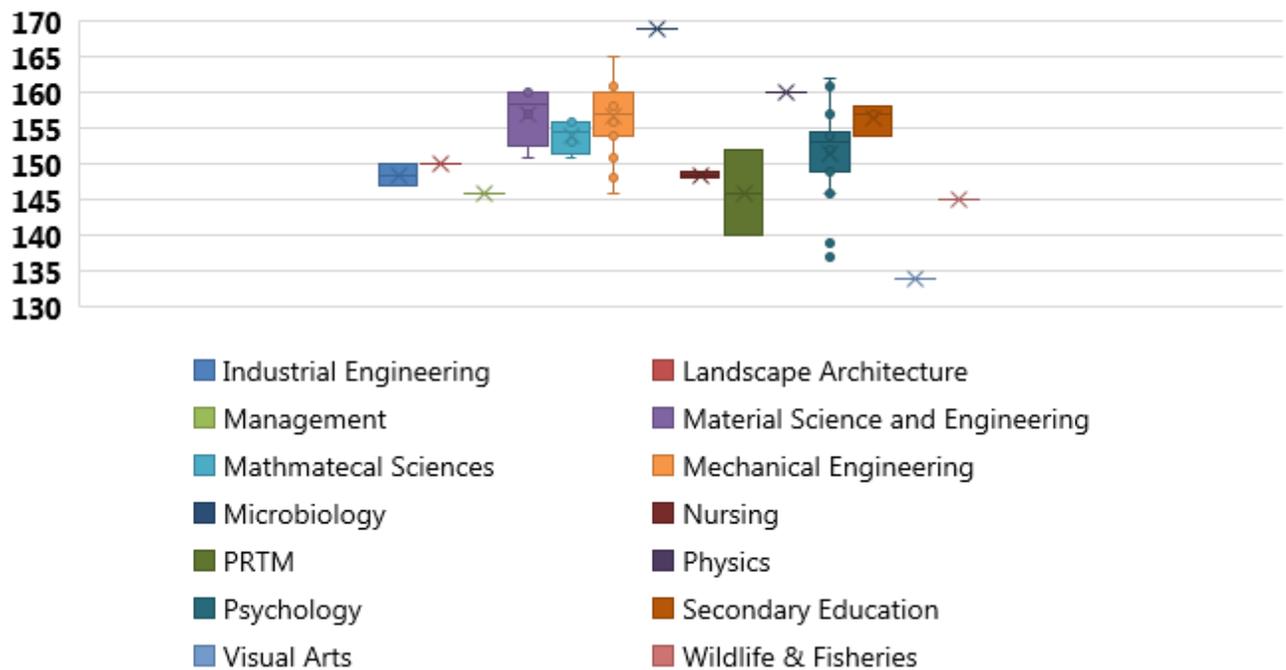
**Verbal GRE Scores by Department (B)**



### Verbal GRE Scores by Department (C)



### Verbal GRE Scores by Department (D)



## Graduate Management Admission Test (GMAT) Scores

What is the GMAT?

The GMAT (Graduate Management Admission Test) is a 3½-hour standardized exam designed to predict how test takers will perform academically in MBA (Masters in Business Administration) programs.

Source: <http://www.west.net/~stewart/gmat/what-is-gmat-cat.htm>

### 2015 Clemson GMAT Scores by Undergraduate Department

	# of Exam Takers	Verbal Average	Quant Average	Writing Average	Integrated Reasoning Average
Economics	3	31	36	5.5	3
Accounting	35	32.46	34.40	5.13	5.34
Biological Sciences	1	19	19	4	1
Financial Management	4	31.75	37.25	5.13	5.5
Health Science	2	33.5	34.50	5.25	5.5
Industrial Engineering	1	33	44	5	6
Management	1	17	18	4.5	2
Mathematical Sciences	1	29	41	6	6
<b>Weighted Average:</b>		<b>31.69</b>	<b>34.42</b>	<b>5.14</b>	<b>5.08</b>