Virginia Commonwealth University
Graduate School

1001 Grove Avenue
PO Box 843051
Phone: 828-2233
www.graduate.vcu.edu
Annual Average Projected Job Growth
By Training Required 2004-2014 for Virginia

- Work in a related occupation: 1.50%
- Master's degree: 2.00%
- Professional degree: 1.00%
- Doctoral degree: 2.50%
Median Weekly Earnings in 2009

- Doctoral degree: $1,532
- Professional degree: $1,529
- Master's degree: $1,257
- Bachelor's degree: $1,025
- Associate degree: $761
- Some College, no degree: $699
- High school graduate: $626
- Less than high school: $454

U.S. Bureau of Labor Statistics
Occupational Outlook Quarterly · Summer 2010
Unemployment rate in 2009

- Less than high school: 14.6%
- High school graduate: 9.7%
- Some College, no degree: 8.6%
- Associate degree: 6.8%
- Bachelor's degree: 5.2%
- Master's degree: 3.9%
- Professional degree: 2.3%
- Doctoral degree: 2.5%

U.S. Bureau of Labor Statistics
Occupational Outlook Quarterly · Summer 2010
Graduate School

Graduate Faculty - 1,093 full; 242 affiliate

Graduate Programs

- 24 Certificate; 73 Master’s; 39 Doctoral Degrees

Graduate Students – 6,088; 5,547 Degree seeking

- 62% Master’s, 24% Doctoral, 5% Certificate,
  9% Non-degree
- 65% Female, 34% Male
- 73% Resident, 27% Non-resident
- 21% Minority, 66% White, 10% International
- 57% Full-time, 43% Part-time
Graduate Admissions
2010 - 2011

- Applications
- Admits
- Enrolled

Doctoral
Master's
Certificate
GPA
Graduate Applications
2010 - 2011

Master’s

Doctoral

September 30, 2011
GRE
Graduate Applications
2010 - 2011

Master’s

Doctoral
VCU Master’s Student Enrollment

- 2000: 3,500
- 2001: 3,400
- 2002: 3,500
- 2003: 3,400
- 2004: 3,500
- 2005: 3,400
- 2006: 3,500
- 2007: 3,600
- 2008: 3,700
- 2009: 3,800
- 2010: 3,900
- 2011: 3,784

September 30, 2011
VCU Doctoral Student Enrollment

Year:
- 2000
- 2001
- 2002
- 2003
- 2004
- 2005
- 2006
- 2007
- 2008
- 2009
- 2010
- 2011

Enrollment:
- 780
- 833
- 851
- 919
- 978
- 1,052
- 1,204
- 1,324
- 1,403
- 1,468

September 30, 2011
VCU Full-Time Graduate Student Enrollment

September 30, 2011
Graduate Assistantships – VCU Peers

![Graph showing the relationship between Graduate Assistantships and Doctoral Student Enrollment. The graph includes data points for various institutions, with VCU highlighted.](image-url)
Doctoral Student Enrollment and Sponsored Programs Dollars at VCU
Master’s Degrees Awarded

![Graph showing the number of master's degrees awarded from 2002 to 2011. The numbers increase from 2002 to 2011, with a peak of 1,770 in 2011.](image-url)
Doctoral Degrees Awarded

2002 2003 2004 2005 2006 2007 2008 2009 2010 2011

329
Time to PhD Degree at VCU
Minority Graduate Students

• VCU ranked 64th in the number of master’s degrees and 32nd in the number of doctoral degrees awarded to African American students.¹

• 12.6% of the PhD recipients at VCU were African American, while the national average for research extensive universities was 6.6%.²

• Currently, minority students comprise 21% of the graduate student population at VCU.

# Doctoral Graduates - Demographics

<table>
<thead>
<tr>
<th>Gender</th>
<th>VCU</th>
<th>High Research Institutions</th>
<th>All Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>49 (36.6%)</td>
<td>5,089 (50.6%)</td>
<td>26,338 (53.1%)</td>
</tr>
<tr>
<td>Female</td>
<td>85 (63.4%)</td>
<td>4,966 (49.4%)</td>
<td>23,190 (46.8%)</td>
</tr>
<tr>
<td>Unknown</td>
<td>0 (0%)</td>
<td>7 (0.1%)</td>
<td>34 (0.1%)</td>
</tr>
</tbody>
</table>

NSF/NIH/USED/USDA/NASA, 2009 Survey of Earned Doctorates
### Doctoral Graduates - Graduate Study

<table>
<thead>
<tr>
<th>Fields of Study</th>
<th>VCU</th>
<th>High Research Institutions</th>
<th>All Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Life Sciences</td>
<td>56 (41.8%)</td>
<td>1,631 (16.2%)</td>
<td>11,402 (23.0%)</td>
</tr>
<tr>
<td>Physical Sciences</td>
<td>6 (4.5%)</td>
<td>1,459 (14.5%)</td>
<td>8,331 (16.8%)</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>27 (20.1%)</td>
<td>1,919 (19.1%)</td>
<td>7,836 (15.8%)</td>
</tr>
<tr>
<td>Engineering</td>
<td>7 (5.2%)</td>
<td>1,324 (13.2%)</td>
<td>7,634 (15.4%)</td>
</tr>
<tr>
<td>Education</td>
<td>17 (12.7%)</td>
<td>2,093 (20.8%)</td>
<td>6,531 (13.2%)</td>
</tr>
<tr>
<td>Humanities</td>
<td>1 (0.7%)</td>
<td>951 (9.5%)</td>
<td>4,899 (9.9%)</td>
</tr>
<tr>
<td>Other Fields</td>
<td>20 (14.9%)</td>
<td>685 (6.8%)</td>
<td>2,929 (20.4%)</td>
</tr>
</tbody>
</table>

NSF/NIH/USED/USDA/NASA, 2009 Survey of Earned Doctorates
# Doctoral Graduates – Post Graduation Plans

<table>
<thead>
<tr>
<th>Post-graduation Status</th>
<th>VCU</th>
<th>High Research Institutions</th>
<th>All Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Postdoctoral</td>
<td>32 (30.5%)</td>
<td>1,629 (18.6%)</td>
<td>11,495 (26.4%)</td>
</tr>
<tr>
<td>Employment</td>
<td>45 (42.9%)</td>
<td>4,141 (47.3%)</td>
<td>18,422 (42.3%)</td>
</tr>
<tr>
<td>Seeking Employment</td>
<td>21 (20.0%)</td>
<td>2,657 (30.3%)</td>
<td>11,917 (27.3%)</td>
</tr>
<tr>
<td>Other</td>
<td>7 (0.7%)</td>
<td>334 (3.8%)</td>
<td>1,765 (4.0%)</td>
</tr>
</tbody>
</table>

NSF/NIH/USED/USDA/NASA, 2009 Survey of Earned Doctorates
## Doctoral Graduates – Post Graduation Employment

<table>
<thead>
<tr>
<th>Post-graduation Employment</th>
<th>VCU</th>
<th>High Research Institutions</th>
<th>All Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academe</td>
<td>18 (40.0%)</td>
<td>2,232 (53.9%)</td>
<td>9,706 (52.7%)</td>
</tr>
<tr>
<td>Government</td>
<td>13 (28.9%)</td>
<td>365 (8.8%)</td>
<td>1,340 (7.3%)</td>
</tr>
<tr>
<td>Industry/Business</td>
<td>6 (13.3%)</td>
<td>712 (17.2%)</td>
<td>4,569 (24.8%)</td>
</tr>
<tr>
<td>Nonprofit</td>
<td>1 (2.2%)</td>
<td>194 (4.7%)</td>
<td>868 (4.7%)</td>
</tr>
<tr>
<td>Other</td>
<td>7 (15.6%)</td>
<td>638 (15.4%)</td>
<td>1,939 (10.5%)</td>
</tr>
</tbody>
</table>

NSF/NIH/USED/USDA/NASA, 2009 Survey of Earned Doctorates
Virginia Commonwealth University

<table>
<thead>
<tr>
<th>Level</th>
<th>4-year or above</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control</td>
<td>Public</td>
</tr>
<tr>
<td>Student Population</td>
<td>32,172</td>
</tr>
</tbody>
</table>

**Classification**

- Undergraduate Instructional Program: Bal/HGC: Balanced arts & sciences/professions, high graduate coexistence
- Graduate Instructional Program: CompDoc/MedVet: Comprehensive doctoral with medical/veterinary

**Category**

- Enrollment Profile: HU: High undergraduate
- Undergraduate Profile: FT4/S/HTI: Full-time four-year, selective, higher transfer-in
- Size and Setting: L4/NR: Large four-year, primarily nonresidential
- Basic: RU/VH: Research Universities (very high research activity)

*This institution participated in the following elective classification*

- Community Engagement
- Curricular Engagement and Outreach and Partnerships
Institutions were included in these categories if they awarded at least 20 research doctorates.

*Level of research activity* - Doctorate-granting institutions were assigned to one of three categories based on a measure of research activity.

The analysis examined the following correlates of research activity: research & development expenditures in science and engineering and non-S&E fields; S&E research staff; doctoral conferrals in humanities fields, in social science fields, in STEM fields, and in other fields (business, education, public policy, social work).

*Data sources* - Doctoral conferrals by field were based on IPEDS Completions data reporting degree conferrals. Faculty counts were from the IPEDS Employees by Assigned Position (EAP) data for Fall. R&D expenditures came from the NSF Survey of Research and Development Expenditures at Universities and Colleges.
Median Number of Doctorates

- **Humanities Doctorates**
  - Research Universities (very high research activity): 35
  - Research Universities (high research activity): 4
  - Doctoral/Research Universities: 0

- **Social Science Doctorates**
  - Research Universities (very high research activity): 34
  - Research Universities (high research activity): 10
  - Doctoral/Research Universities: 0

- **STEM Doctorates**
  - Research Universities (very high research activity): 134
  - Research Universities (high research activity): 30
  - Doctoral/Research Universities: 5

- **Other Professional Fields Doctorates**
  - Research Universities (very high research activity): 74
  - Research Universities (high research activity): 29
  - Doctoral/Research Universities: 26

*September 30, 2011*
**VCU Quest for Distinction**

Theme II: Attain preeminence as an urban, public research university by making contributions in research, scholarship, creative expression, and clinical practice that bring national and international recognition

<table>
<thead>
<tr>
<th>Goals</th>
<th>Metrics</th>
<th>Illustrative University Initiatives</th>
</tr>
</thead>
</table>
| Grow the next generation of researchers and scholars who will focus on the discovery of new knowledge and the advancement of clinical applications | • # of post-doctoral scholars  
• # of students participating in research at all levels  
• # of faculty mentors  
• Doctoral enrollment  
• Doctoral degrees awarded | • Strategically align graduate student enrollment and quality with lines of inquiry that are strengths/emerging strengths of the university  
• Implement the University Research Incentive Program (URI) |
Graduate School

- Number of doctoral programs
- On-line graduate programs
- Graduate enrollment and degrees awarded
- Diversity plan
- Increase number of assistantships
- Increase stipends
- Tuition
- Funding VCU strengths
Doctoral Programs

2003 2004 2005 2006 2007 2008 2009 2010
New Graduate Degree Programs

- EdD in Leadership
- Master of Product Innovation
- PhD in Healthcare Policy and Research – SCHEV
- PhD in Electrical and Computer Engineering – SCHEV
- PhD in Mechanical and Nuclear Engineering - UC
Graduate School

- Graduation check process
- Preparing Future Faculty
- Graduate Student Mentorship Program
- Provost's no late registration directive
- Committee on Policies and Procedures
- GRE
RESponsible Conduct of Research

BY CLICKING SUBMIT, I affirm that I have read and agree to abide by the University Honor System Policy, University Code of Ethics, and University Academic Regulations contained in the VCU Bulletins. Further I affirm that I will abide by VCU polices pertaining to responsible conduct of research, including the protection of human and animal research subjects, and that I have completed or will complete relevant training required by VCU and appropriate sponsoring agencies. http://www.research.vcu.edu.
Graduate School

Mandatory training in the Responsible Conduct of Research for all PhD students

OVPR 601 (MICR 510)
OVPR 603 (GRAD 603)
OVPR 602 (Post-docs)
GRE Score Scale Changes
SOATEST: Multiple score administrations

<table>
<thead>
<tr>
<th>Test Code</th>
<th>Description</th>
<th>Test Score</th>
<th>Test Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>G03Q</td>
<td>GRE Revised General Quantitative</td>
<td>142</td>
<td>01-OCT-2011</td>
</tr>
<tr>
<td>G03V</td>
<td>GRE Revised General Verbal</td>
<td>145</td>
<td>01-OCT-2011</td>
</tr>
<tr>
<td>G03W</td>
<td>GRE Revised General Writing</td>
<td>5.0</td>
<td>01-OCT-2011</td>
</tr>
<tr>
<td>G03Q</td>
<td>GRE Revised General Quantitative</td>
<td>165</td>
<td>01-OCT-2010</td>
</tr>
<tr>
<td>G03V</td>
<td>GRE Revised General Verbal</td>
<td>130</td>
<td>01-OCT-2010</td>
</tr>
<tr>
<td>G03W</td>
<td>GRE Revised General Writing</td>
<td>2.5</td>
<td>01-OCT-2010</td>
</tr>
<tr>
<td>GR01</td>
<td>GRE Verbal Code</td>
<td>800</td>
<td>01-SEP-2010</td>
</tr>
<tr>
<td>GR02</td>
<td>GRE Quantitative Code</td>
<td>760</td>
<td>01-SEP-2010</td>
</tr>
<tr>
<td>GR05</td>
<td>GRE Analytical Writing Section</td>
<td>4.0</td>
<td>01-SEP-2010</td>
</tr>
</tbody>
</table>

Percentiles are for test score G03Q taken on 01-OCT-2010
SOATEST: Multiple score administrations

<table>
<thead>
<tr>
<th>Test Code</th>
<th>Description</th>
<th>Test Score</th>
<th>Test Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>G03Q</td>
<td>GRE Revised General Quantitative</td>
<td>142</td>
<td>01-OCT-2011</td>
</tr>
<tr>
<td>G03V</td>
<td>GRE Revised General Verbal</td>
<td>145</td>
<td>01-OCT-2011</td>
</tr>
<tr>
<td>G03W</td>
<td>GRE Revised General Writing</td>
<td>5.0</td>
<td>01-OCT-2011</td>
</tr>
<tr>
<td>G03Q</td>
<td>GRE Revised General Quantitative</td>
<td>165</td>
<td>01-OCT-2010</td>
</tr>
<tr>
<td>G03V</td>
<td>GRE Revised General Verbal</td>
<td>130</td>
<td>01-OCT-2010</td>
</tr>
<tr>
<td>G03W</td>
<td>GRE Revised General Writing</td>
<td>2.5</td>
<td>01-OCT-2010</td>
</tr>
<tr>
<td>GR01</td>
<td>GRE Verbal Code</td>
<td>800</td>
<td>01-SEP-2010</td>
</tr>
<tr>
<td>GR02</td>
<td>GRE Quantitative Code</td>
<td>760</td>
<td>01-SEP-2010</td>
</tr>
<tr>
<td>GR05</td>
<td>GRE Analytical Writing Section</td>
<td>4.0</td>
<td>01-SEP-2010</td>
</tr>
</tbody>
</table>

Percentiles are for test score GR02 taken on 01-SEP-2010.
## Test Scores Report

<table>
<thead>
<tr>
<th>ID</th>
<th>GRE Verbal</th>
<th>GRE Quantitative</th>
<th>GRE Writing</th>
<th>GRE Revised General</th>
<th>GRE Revised Verbal</th>
<th>GRE Revised Quantitative</th>
<th>GRE Revised Writing</th>
</tr>
</thead>
<tbody>
<tr>
<td>V08237664</td>
<td>650</td>
<td>700</td>
<td>5.5</td>
<td>166</td>
<td>165</td>
<td>5.5</td>
<td></td>
</tr>
<tr>
<td>V08623376D</td>
<td>510</td>
<td>680</td>
<td>4.5</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>
### Applicant Test Scores

<table>
<thead>
<tr>
<th>ACADEMIC_PERIOD</th>
<th>ID</th>
<th>ADMISSIONS_DATE</th>
<th>PROGRAM</th>
<th>GRE_VERBAL</th>
<th>GRE_V_PERCENT</th>
<th>GRE_QUANT</th>
<th>GRE_Q_PERCENT</th>
<th>GRE_WRITING</th>
<th>GRE_WR_PERCENT</th>
<th>GRE_REVISED_GEN_V</th>
<th>GRE_REVISED_GEN_Q</th>
<th>GRE_REVISED_GEN_Writing</th>
<th>GRE_REVISED_GEN_Writing_PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring 2012</td>
<td>GR</td>
<td>4/19/2011</td>
<td>MS.EGR.E6</td>
<td>650</td>
<td>88</td>
<td>700</td>
<td>90</td>
<td>5.5</td>
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<td>166</td>
<td>94</td>
<td>165</td>
<td>87</td>
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<tr>
<td></td>
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