



Annual Report on Graduate Education at NC State University

2010-2011



Presented by The Graduate School

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Table of Contents

Message from the Senior Vice Provost and Dean of the Graduate School	2
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Degrees Conferred

Degrees Conferred	4
Master's and Doctoral Degrees by College	5
Doctoral Degrees by College	5
Master's Degrees by College.....	6
Degree Recipients by Gender	6
Doctoral Degree Recipients by Gender	7
Master's Degree Recipients by Gender	7
Degree Recipients by Ethnicity and Citizenship	8
Doctoral Degree Recipients by Ethnicity and Citizenship	8
Master's Degree Recipients by Ethnicity and Citizenship	9
Degree Recipients by U.S. Minorities	9
Doctoral Degree Recipients by U.S. Minorities	10
Master's Degree Recipients by U.S. Minorities	10

Applications, Admissions, and Enrollments

Applications, Admitted Applicants, and New Enrollments	11
Applications by Degree	12
Percentage of Applicants Admitted.....	12
Percentage of Admitted Applicants that Result in New Enrollments	13
Applications by Gender	13
Admitted Applicants by Gender	14
New Enrollments by Gender	14
Applications by Citizenship.....	15
Admitted Applicants by Citizenship.....	15
New Enrollments by Citizenship	16
Applications by U.S. Minorities.....	16
Admitted Applicants by U.S. Minorities	17
New Enrollments by U.S. Minorities	17

Enrollment Demographics

Overall Enrollment	18
Undergraduate and Graduate Enrollment.....	18
Percentage of Undergraduate and Graduate Enrollment	19
Enrollment by Degree	19
Enrollment for Full-Time and Part-Time Students.....	20
Enrollment by College.....	20
Percentage of Enrollment by College	21
Enrollment by Gender	21
Enrollment by Ethnicity and Citizenship	22
Enrollment by U.S. Minorities	22

Student Support

Sources of Student Support.....	23
Types of Funding through NC State	24
Overall Amount of Funding through NC State	24

Message from the Senior Vice Provost and Dean of the Graduate School

I am pleased to present the latest version of the Annual Report on Graduate Education at NC State University. The purpose of this report is to spotlight our graduate education by presenting statistical information that describes the state of this critical part of the university's mission. The Graduate School has provided this information as one way of advancing its primary aim of supporting and improving graduate education.



Duane K. Larick

The graphs presented here cannot tell the whole story. I am proud of the many contributions the Graduate School made in 2010-2011 to the enhancement of the quality of graduate education at NC State. This message gives me the opportunity to call attention to some of those contributions.

We continue to provide rich and varied professional development opportunities to students and postdocs to complement their academic education and enhance their future success. Preparing Future Leaders (PFL) focuses primarily on developing career skills, teaching and mentoring abilities, and responsible conduct of research. This past year, PFL offered 136 events with a total attendance of 3,016. As a sample of these offerings, the Professional Development Series provided many workshops, including such topics as "Communicating Science," "What to Look for When Searching for a Postdoctoral Fellowship," and "Speaking Skills for Success." The new Mentoring and Teaching Practicum allowed graduate students with teaching experience to engage in mentoring, observation, and teaching in undergraduate classes under the tutelage of an experienced teacher. And the Graduate Leadership Development Series, in its second year, offered a comprehension curriculum to develop participants' self-awareness, professional adaptability, communication, and leadership skills.

We are among the nation's leaders in Professional Science Master's (PSM) programs. In addition to promoting PSMs at NC State, the Graduate School has taken the lead in developing PSMs across the University of North Carolina system. In the last academic year, we helped to establish 2 new programs (1 at NC State and 1 at NC A&T). Four additional programs (3 at NC State and 1 at UNC-Charlotte) have been developed and are ready for final approval at UNC General Administration. Planning and feasibility studies are in progress for more. We created the NC State PSM Council and the UNC system-wide PSM Operations Group to guide the development and operation of PSMs at both levels. We developed online PSM tools for advertisement, data management, and academic planning and were awarded approximately \$1 million in various grants related to PSMs.

We continue to excel in our efforts to diversify graduate education and the professoriate. In addition to the various grants focusing on underrepresented minority students (NSF AGEP, The North Carolina Alliance to Create Opportunity Through Education, and the NIH Initiative for Maximizing Student Diversity), we also offer exciting opportunities for prospective students to visit NC State. Forty-one students from 29 disciplines and 19 college and universities from across the country participated in "Visit NC State Day," as a result of which over half who previously had not considered NC State indicated that they would strongly consider applying. Also, the Graduate School, in collaboration with the Office of Diversity and Inclusion and the United Negro College Fund, held the Cultivating High Achieving Motivated Professionals and Scholars (CHAMPS) program at NC State. Thirty-four students from Benedict, Claflin, Johnson C. Smith, and Xavier visited the university to learning about graduate educational opportunities.

Postdoctoral Scholars play a critical role at NC State in advancing research and in training graduate students. The Graduate School's Office of Postdoctoral Affairs (OPA) was formed as an advocate for this often-overlooked group

as they establish a foundation for careers as academic and research professionals. The mission of OPA has expanded to offering professional development for postdocs. This year we provided 10 Professional Path programs, 9 Career Coaching seminars, and 12 Certificate in Teaching Techniques (CITT) programs. Twenty-eight postdocs earned certificates in the CITT program. I was pleased that The Scientist named NC State as one of the top 40 places for postdocs to work, the first time our university has been included.

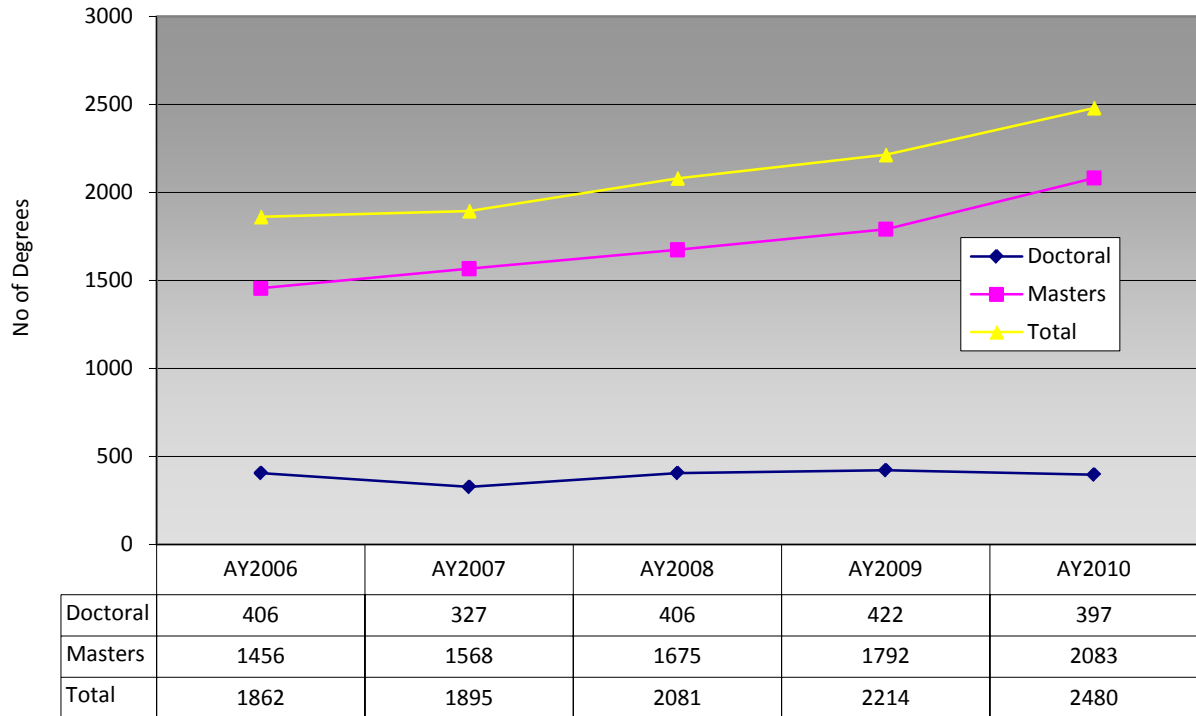
Speaking of national recognition, University Business recognized the admissions unit of the Graduate School as one of the nation's 12 models of efficiency for its innovations in admissions technology. Specifically, we created a process that allows applicants to upload their transcripts to the admissions system, saving many hours in copying transcripts to PDF for use by departments. But this is only one area in which the Graduate School has brought innovation and efficiencies to its daily business processes in the past year. We implemented online exam and curriculum change forms through the Student Information System, consolidated residency reclassification actions, created a Web-based Strategic Research Fund Management System, improved the Graduate Student Online Advising and Reporting System, and developed and implemented a new Electronic Thesis and Dissertation approval process.

The Graduate School participated in the third annual Graduate Education Week on March 21-26, including the annual student research symposium, seminars and workshops, a service project for Habitat for Humanity, and recreational opportunities. Following a proclamation by the governor that honored graduate education, selected students from 20 universities from across North Carolina presented posters for state legislators at the legislative building on May 25.

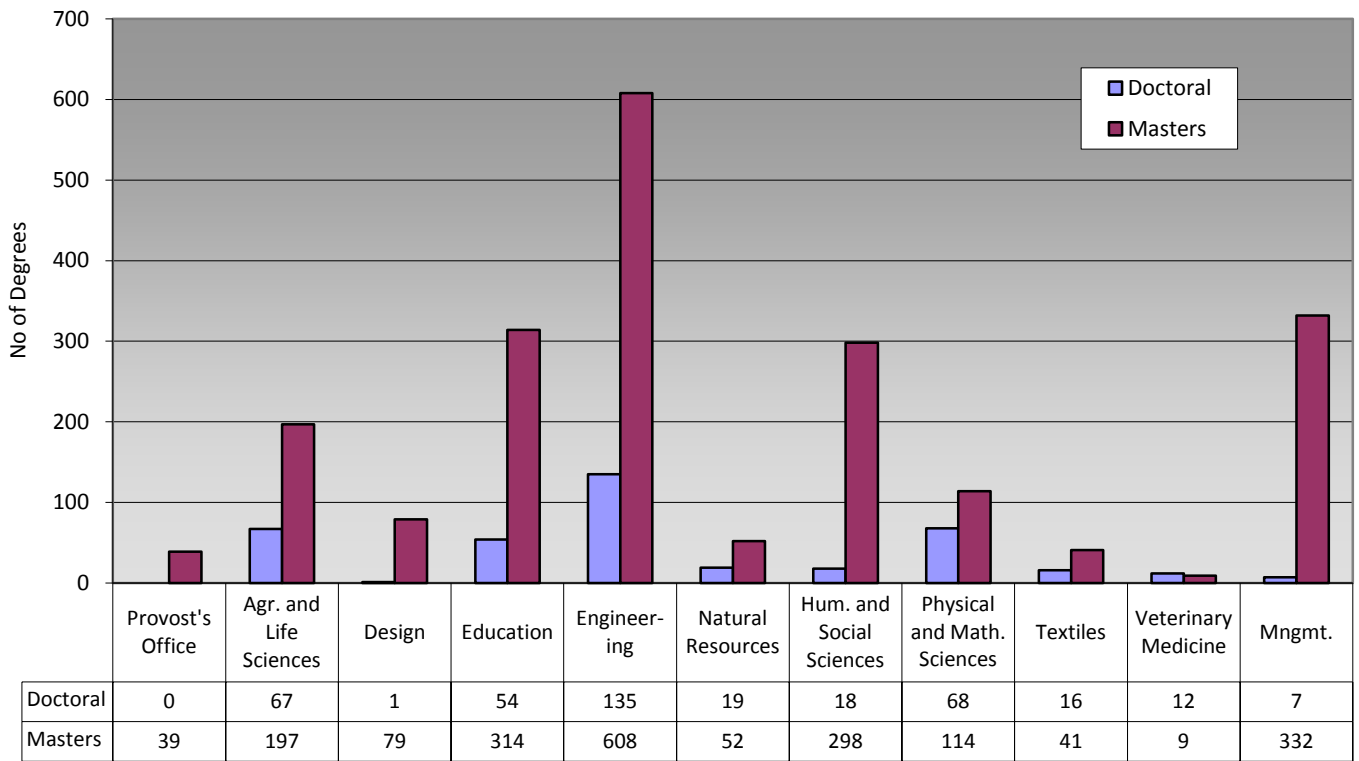
Graduate education is critical to achieving the mission of NC State. And we take that mission seriously. The impact of what we do here—through current students, graduates, and professors—is felt in North Carolina, the U.S., and the world. The data provided in this report are meant to be informative, but they also reflect our desire to gauge our progress and to indicate where we can improve.

Degrees Conferred

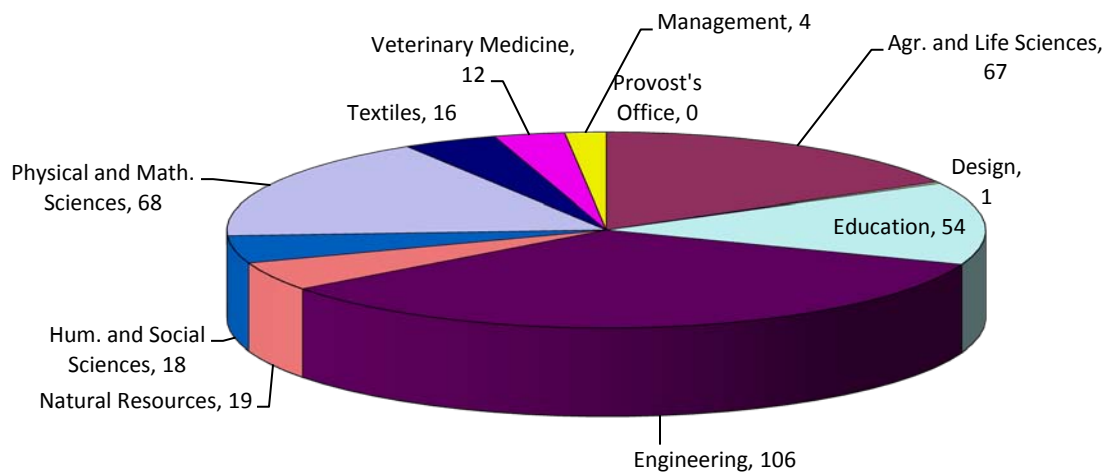
Degrees Conferred
Academic Years 2006-2010



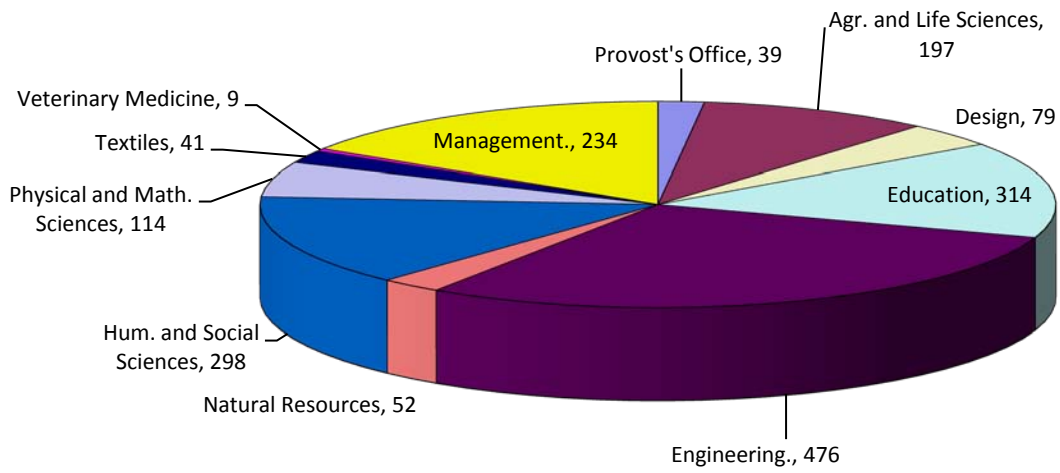
Master's and Doctoral Degrees by College Academic Year 2010



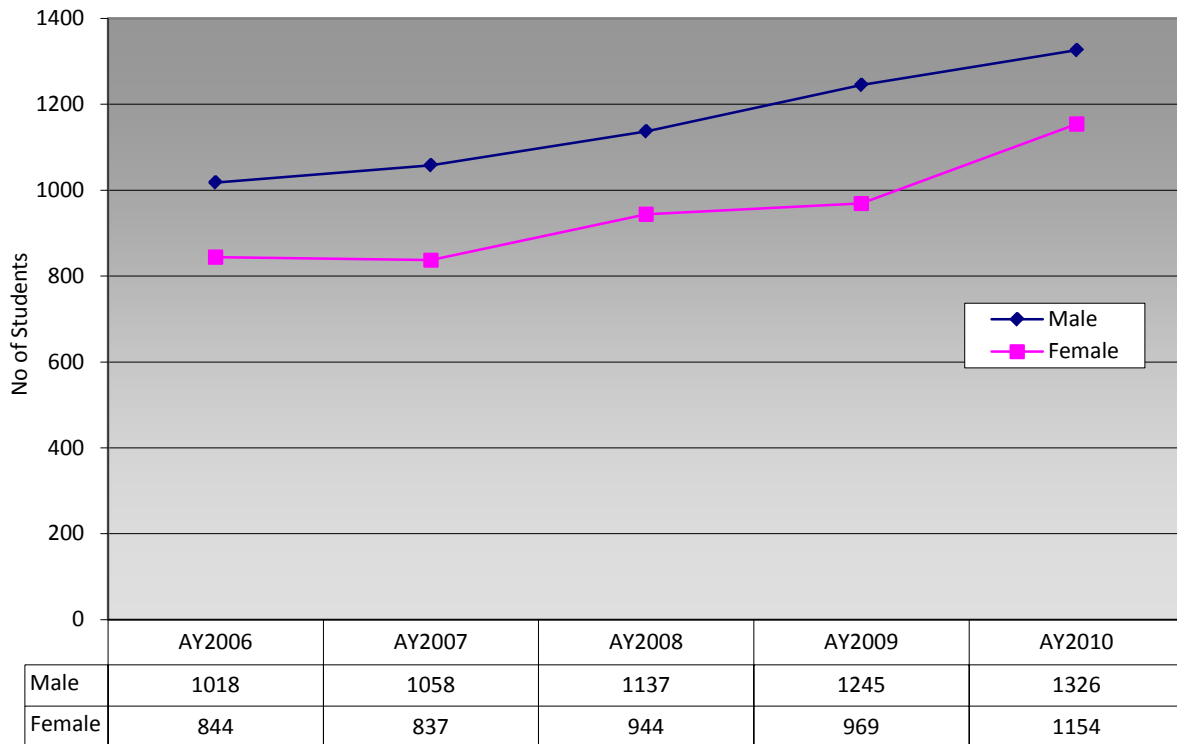
Doctoral Degrees by College Academic Year 2010



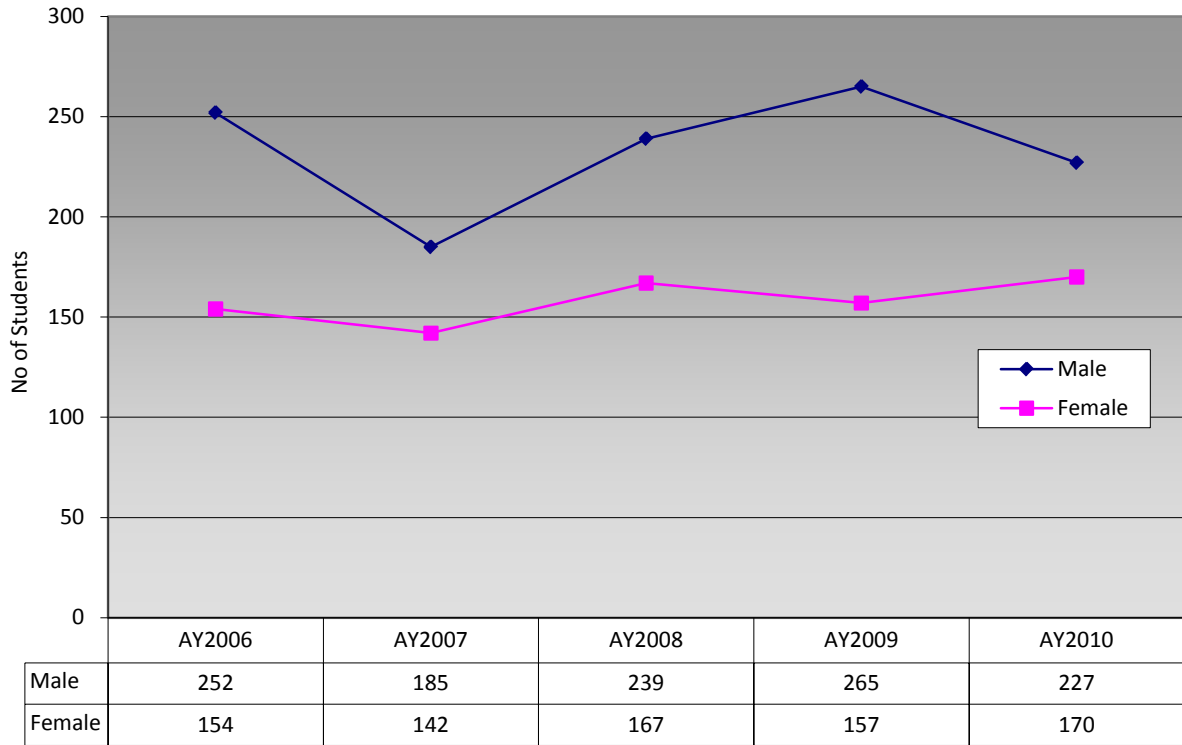
Master's Degrees by College Academic Year 2010



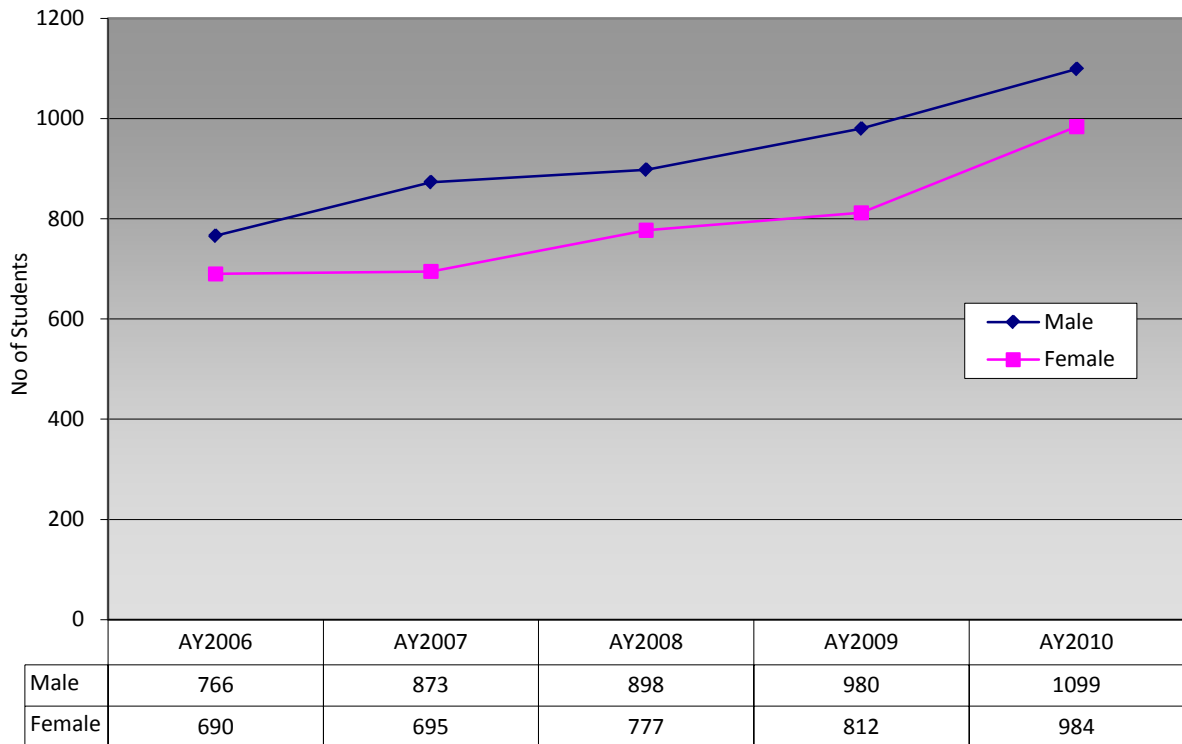
Degree Recipients by Gender Academic Years 2006-2010



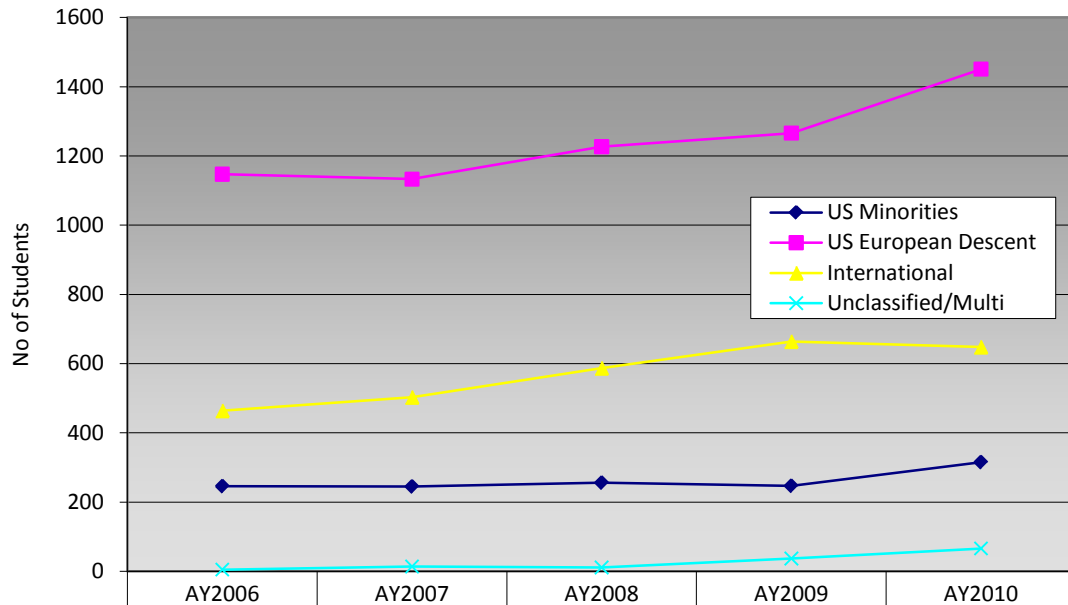
**Doctoral Degree Recipients by Gender
Academic Years 2006-2010**



**Master's Degree Recipients by Gender
Academic Years 2006-2010**

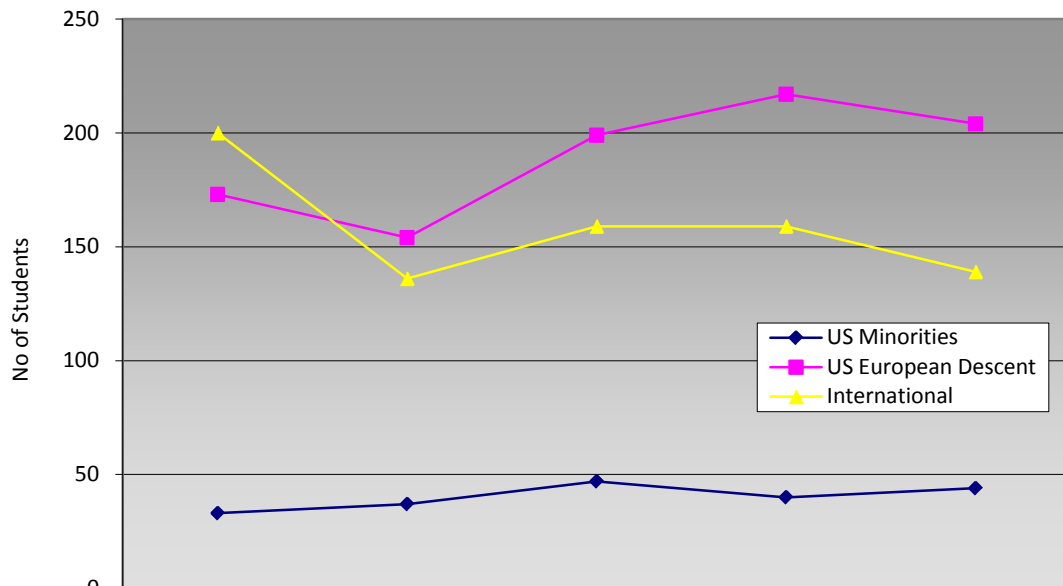


Degree Recipients by Ethnicity and Citizenship Academic Years 2006-2010



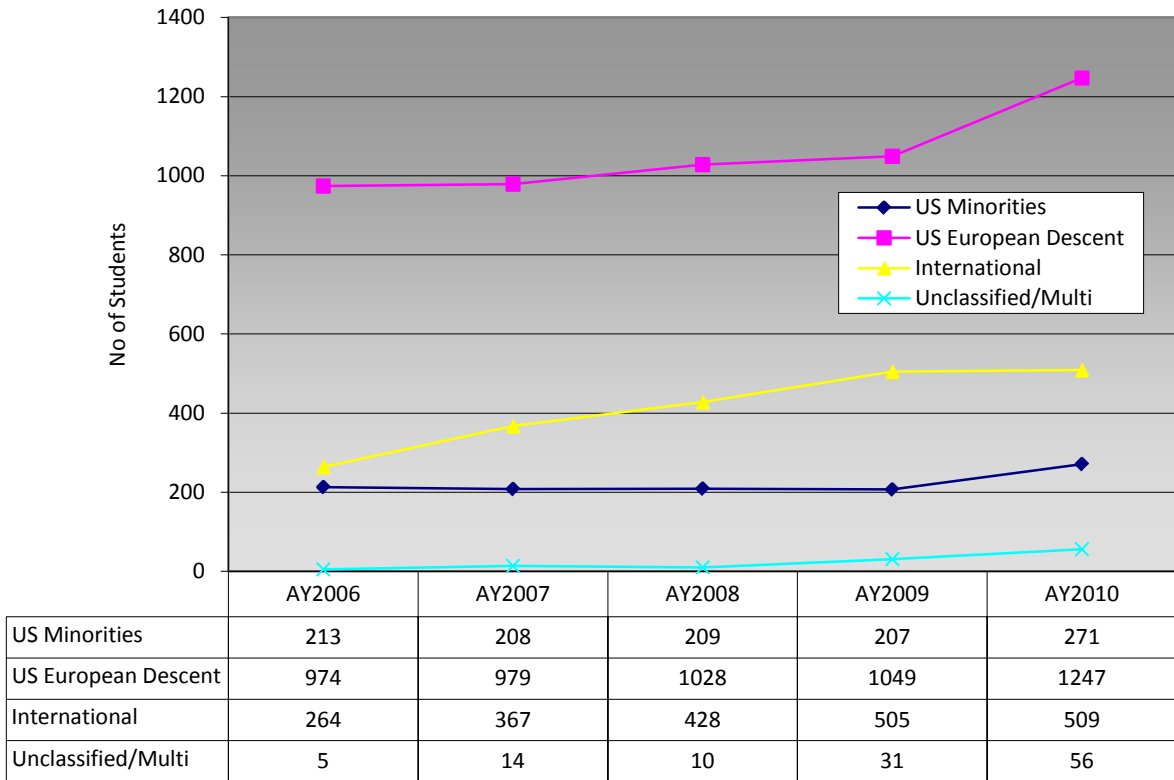
US Minorities	246	245	256	247	315
US European Descent	1147	1133	1227	1266	1451
International	464	503	587	664	648
Unclassified/Multi	5	14	11	37	66

Doctoral Degree Recipients by Ethnicity and Citizenship Academic Years 2006-2010

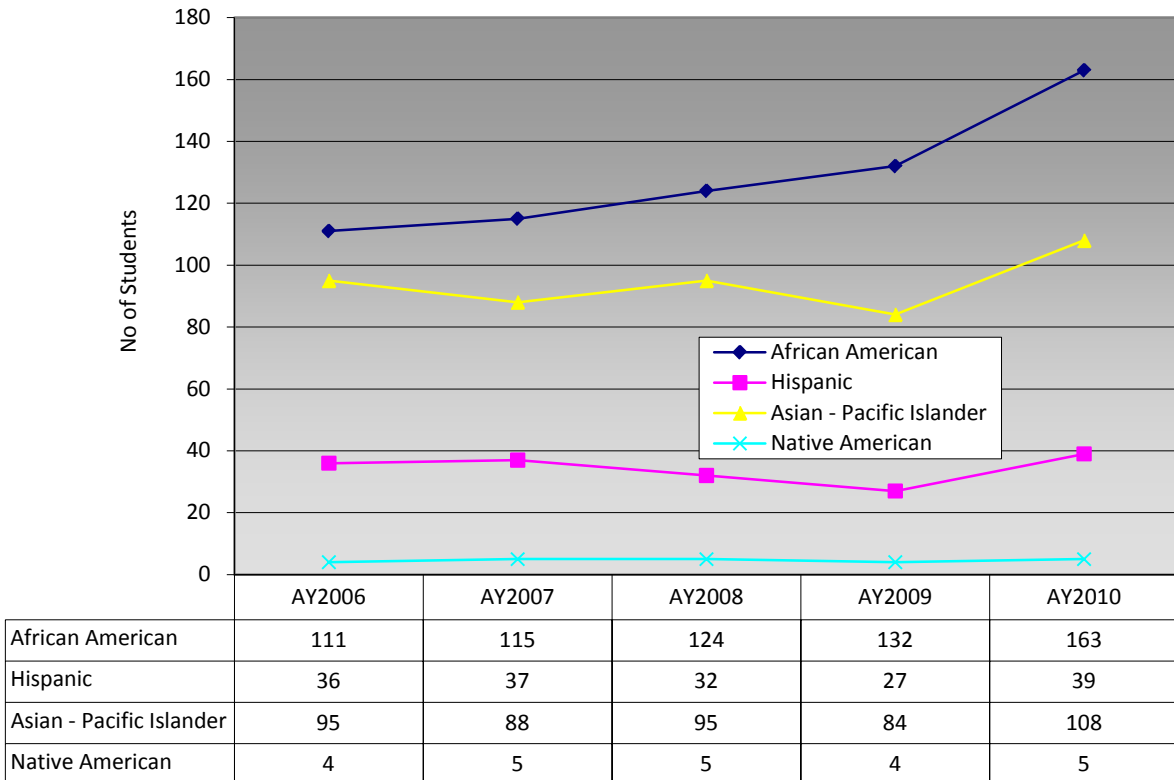


US Minorities	33	37	47	40	44
US European Descent	173	154	199	217	204
International	200	136	159	159	139

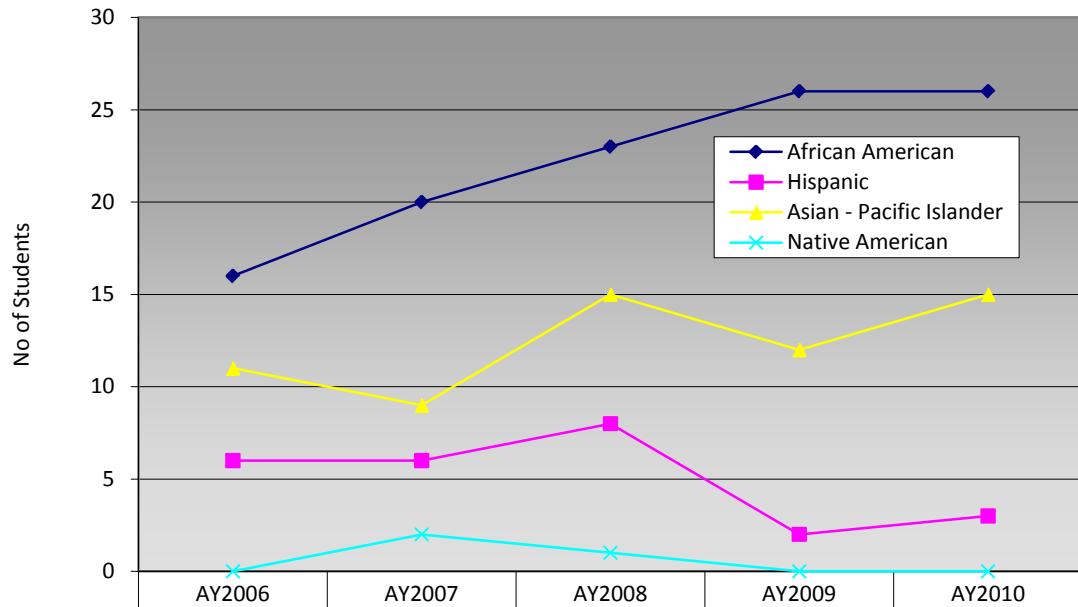
**Master's Degree Recipients by Ethnicity and Citizenship
Academic Years 2006-2010**



**Degree Recipients by U.S. Minorities
Academic Years 2006-2010**

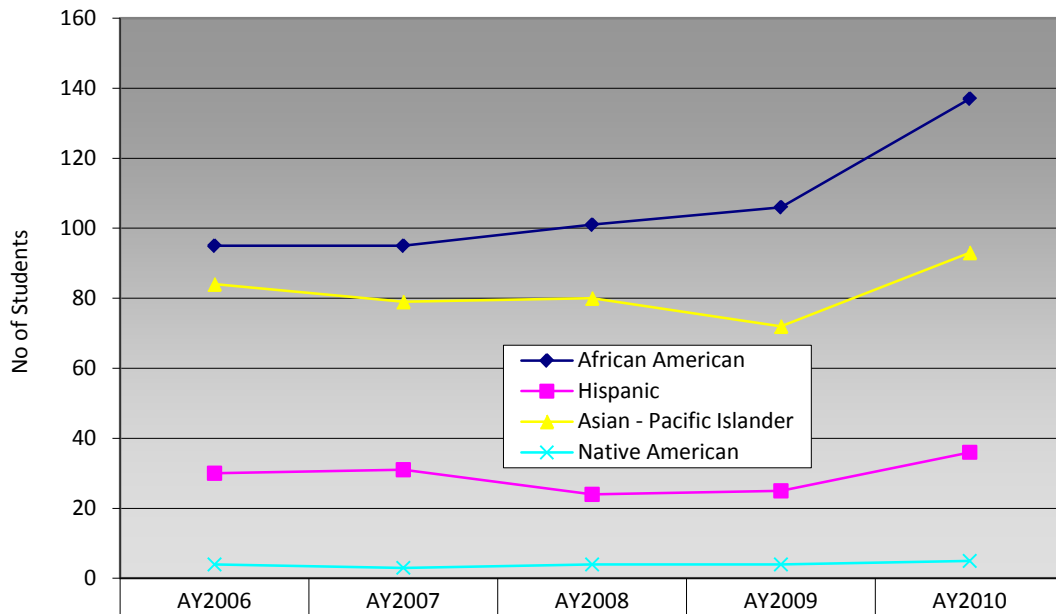


Doctoral Degree Recipients by U.S. Minorities Academic Years 2006-2010



African American	16	20	23	26	26
Hispanic	6	6	8	2	3
Asian - Pacific Islander	11	9	15	12	15
Native American	0	2	1	0	0

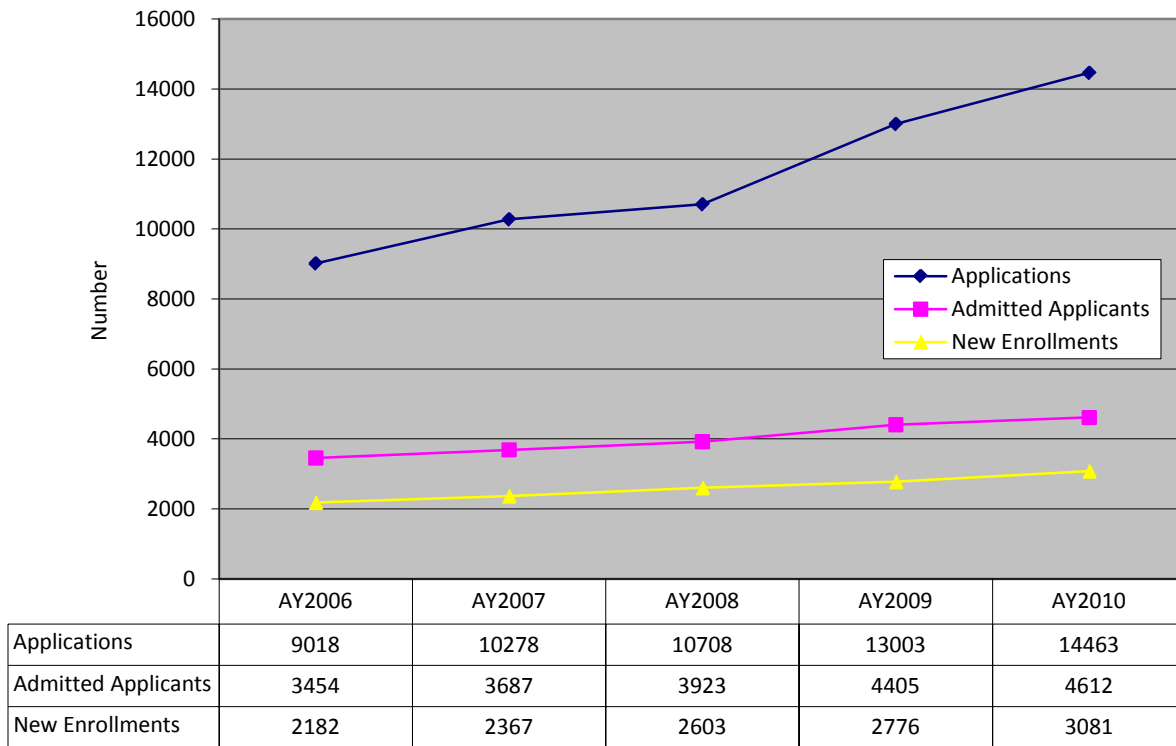
Master's Degree Recipients by US Minorities Academic Years 2006-2010



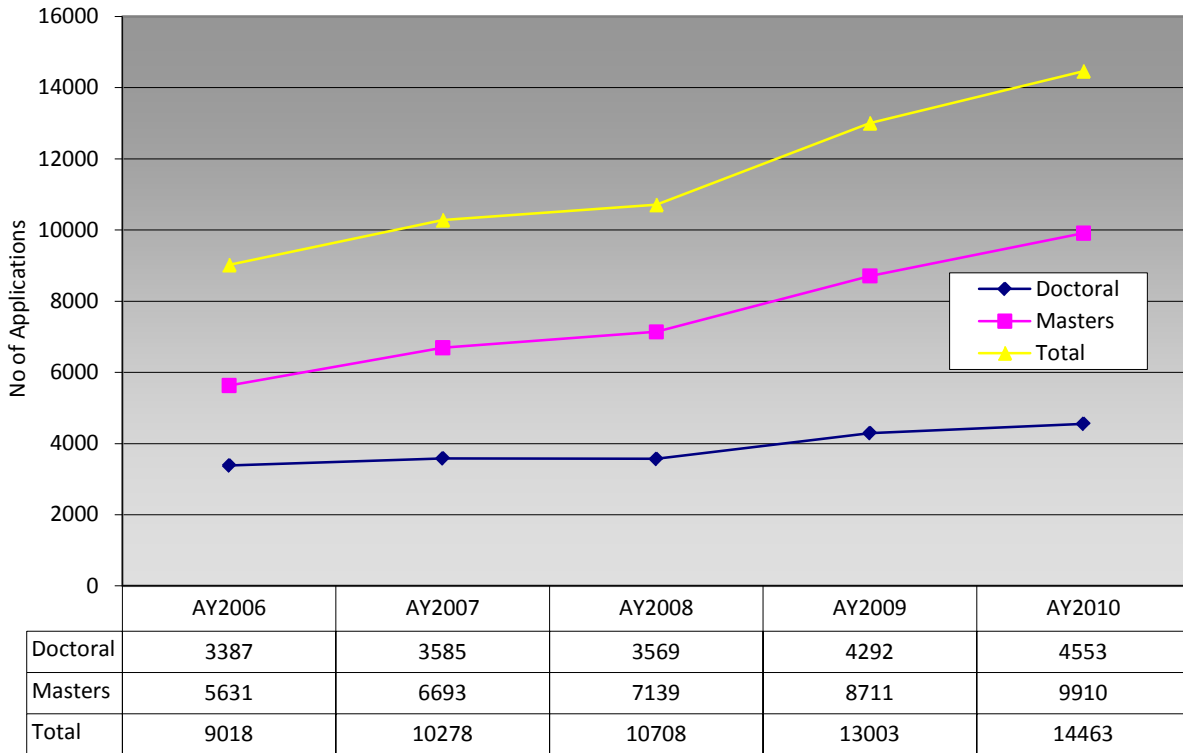
African American	95	95	101	106	137
Hispanic	30	31	24	25	36
Asian - Pacific Islander	84	79	80	72	93
Native American	4	3	4	4	5

Applications, Admissions, and Enrollments

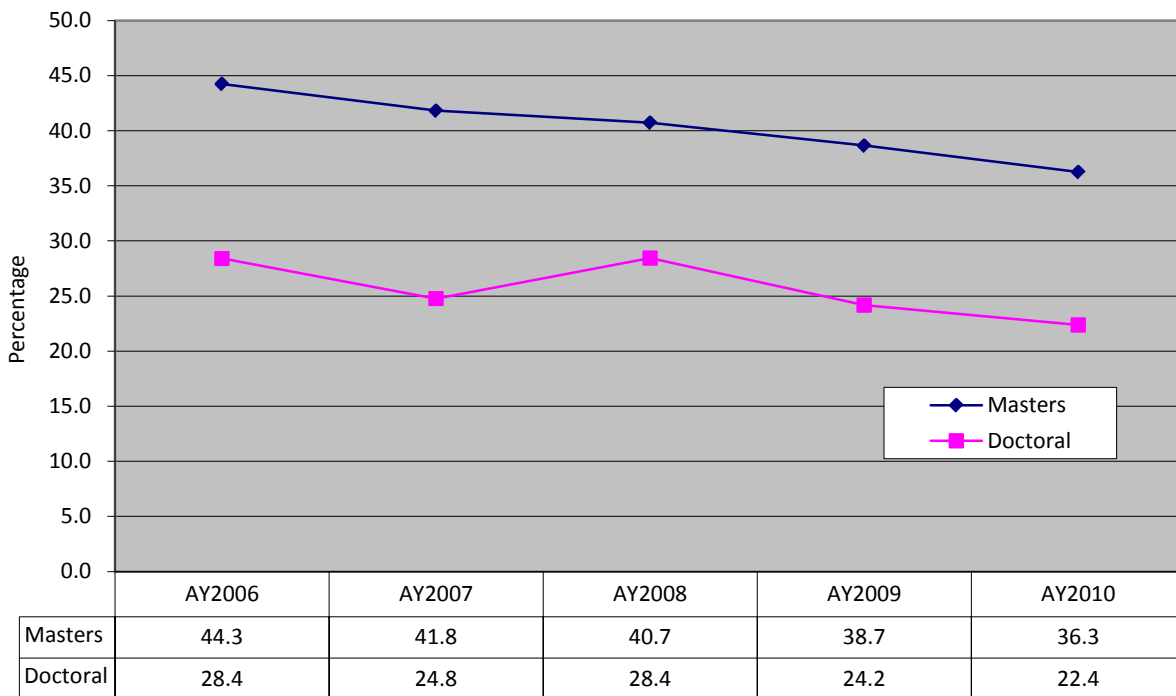
**Applications, Admitted Applicants and New Enrollments
Academic Years 2006-2010 (Grad Degree Programs ONLY)**



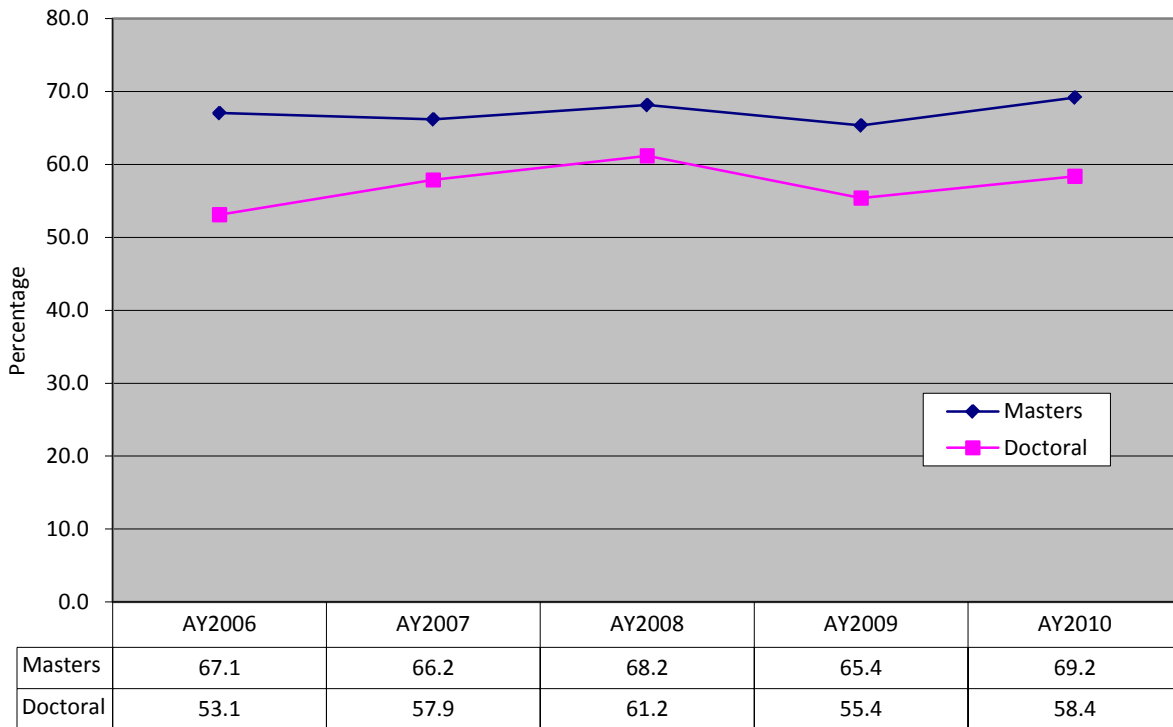
Applications by Grad Degree Academic Years 2006-2010



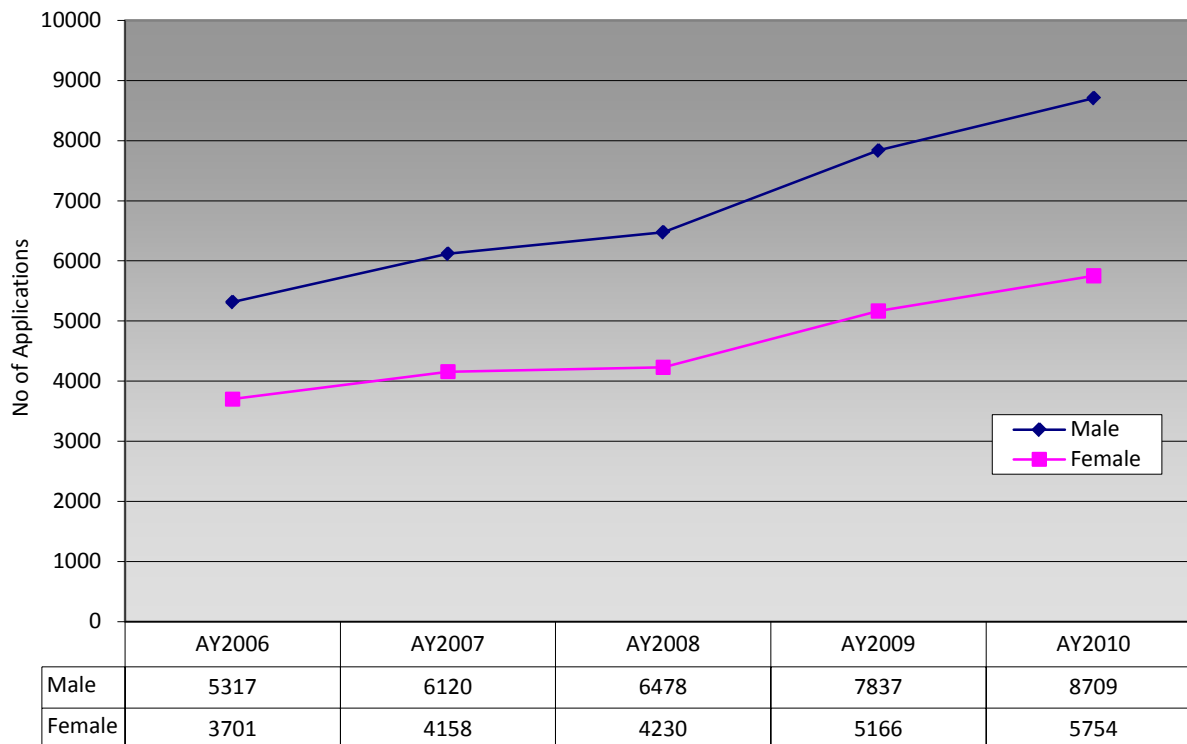
Percentage of Degree Applicants Admitted Academic Years 2006-2010



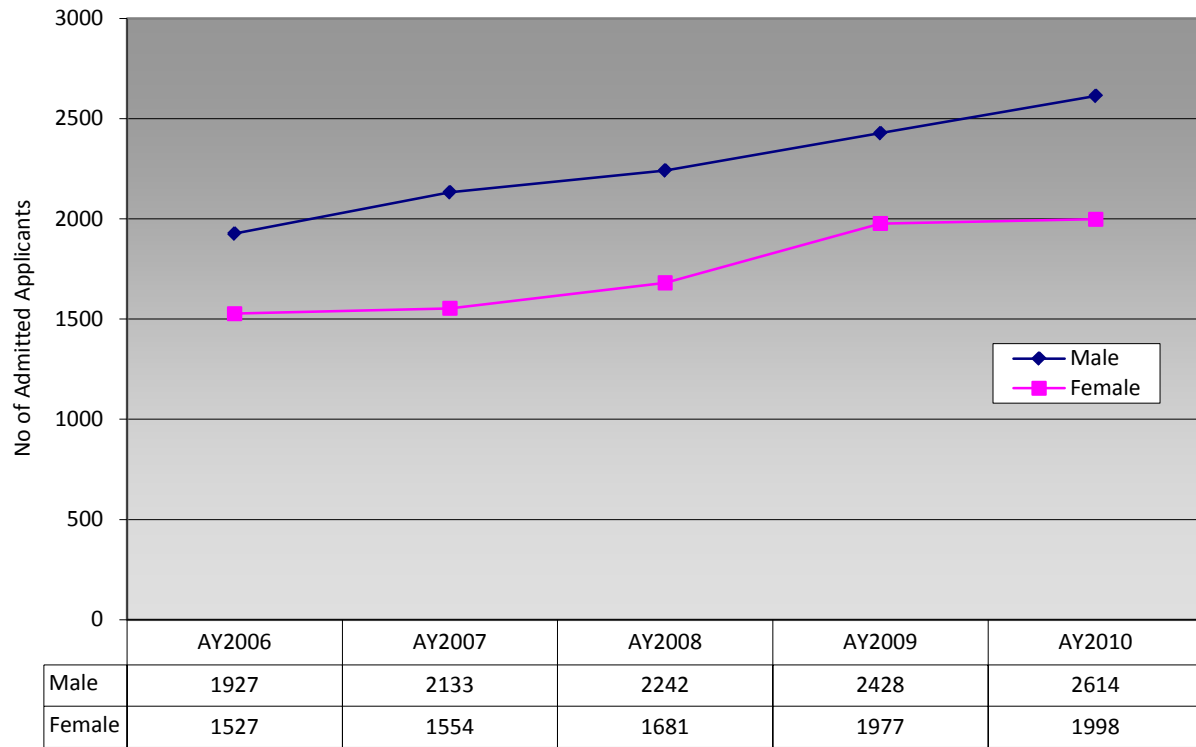
**New Enrollments as a Percentage of Admitted Applicants
Academic Years 2006-2010**



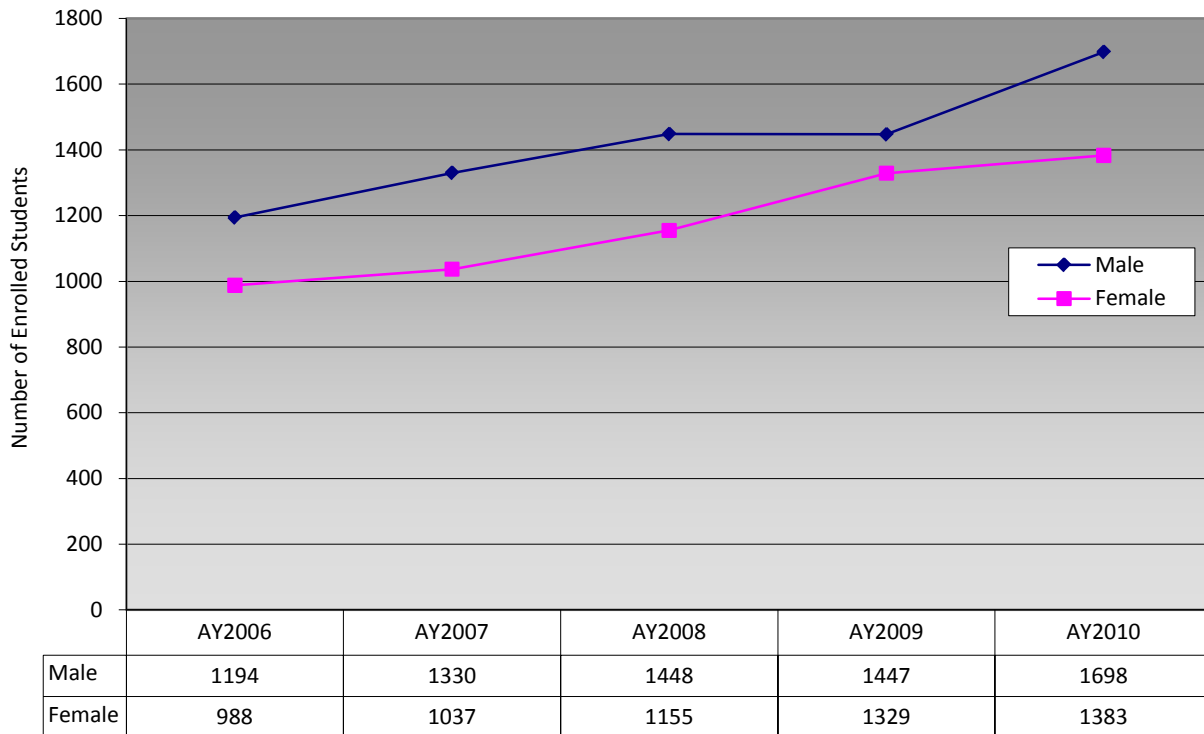
**Grad Degree Applications by Gender
Academic Years 2006-2010**



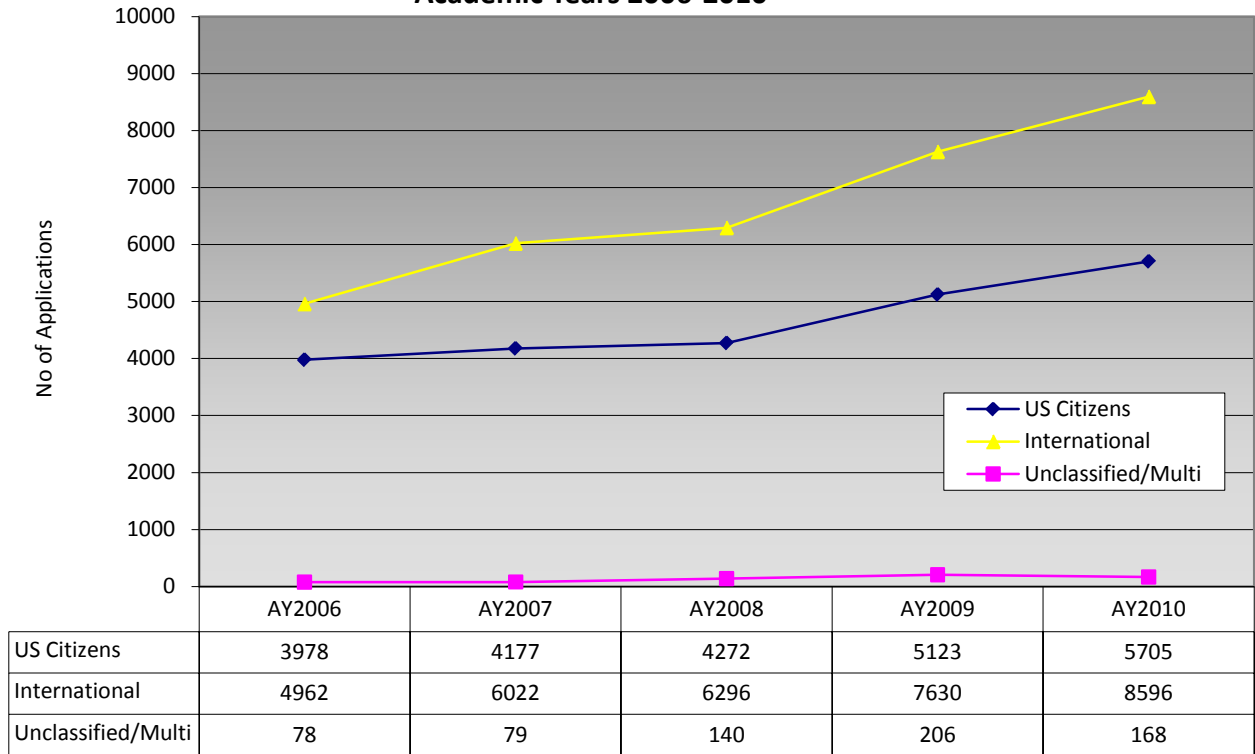
Admitted Grad Degree Applicants by Gender Academic Years 2006-2010



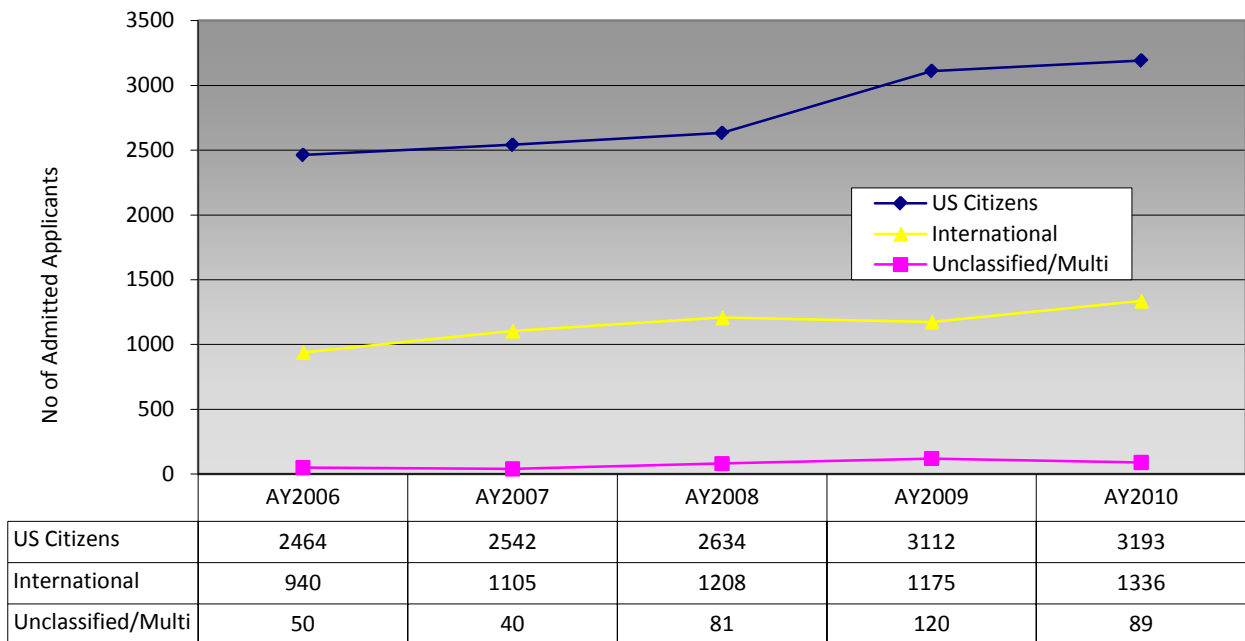
New Grad Degree Enrollments by Gender Academic Years 2006-2010



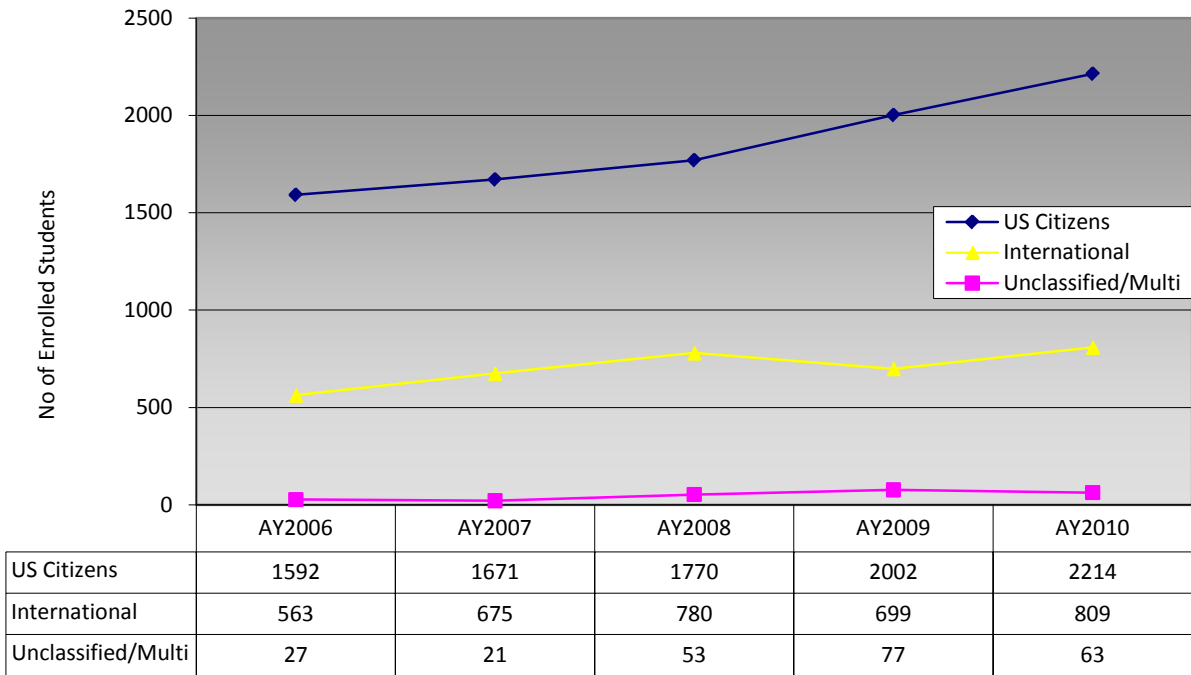
Grad Degree Applications by Citizenship Academic Years 2006-2010



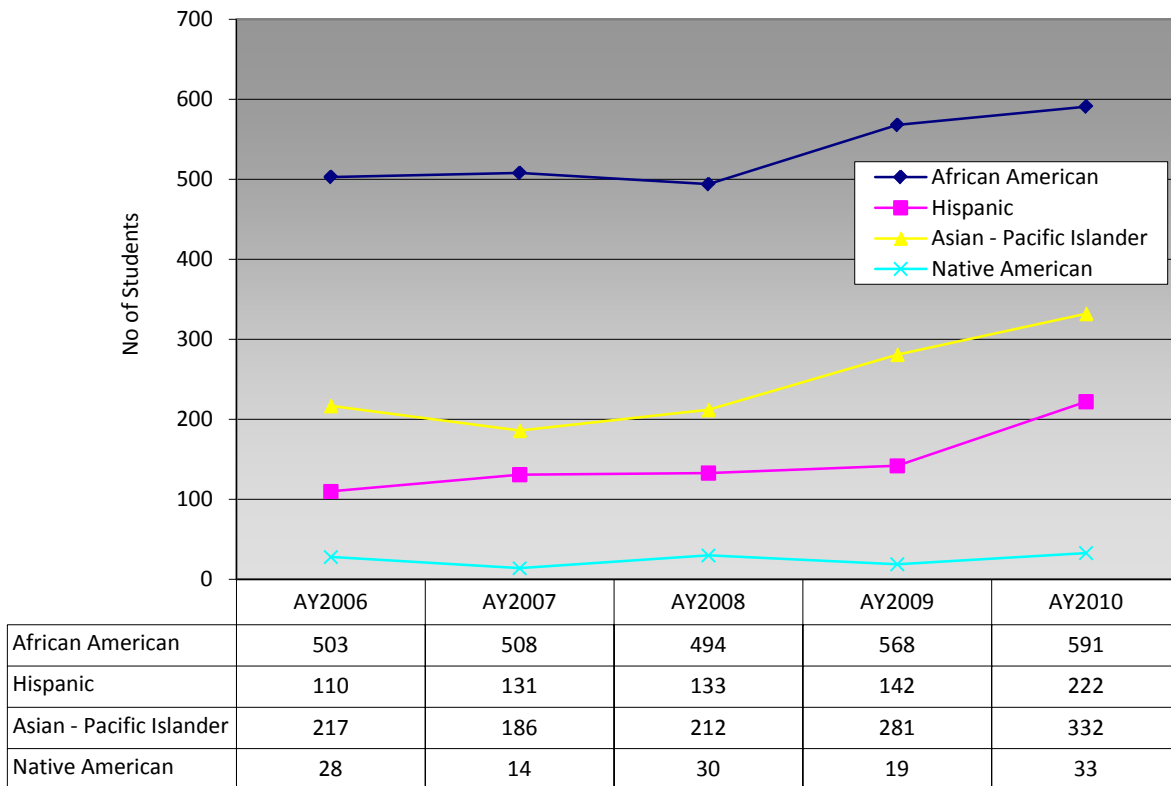
Admitted Grad Degree Applicants by Citizenship Academic Years 2006-2010



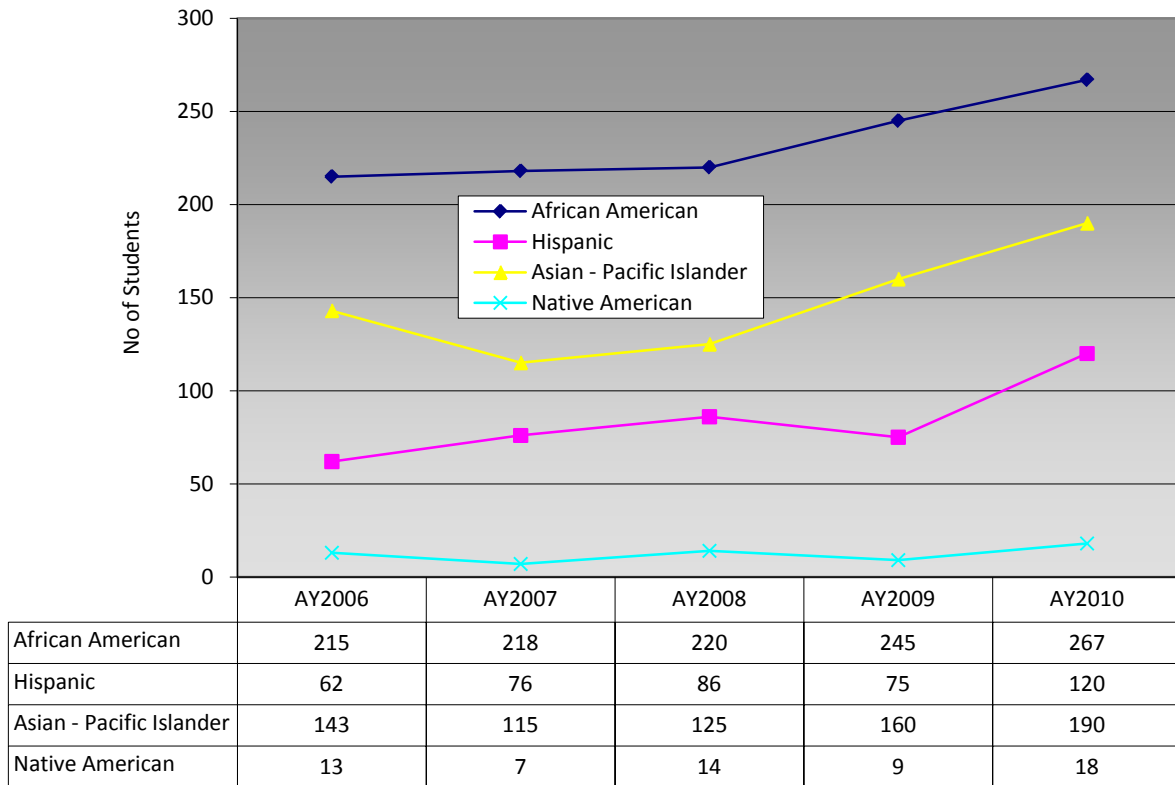
New Grad Degree Enrollments by Citizenship Academic Years 2006-2010



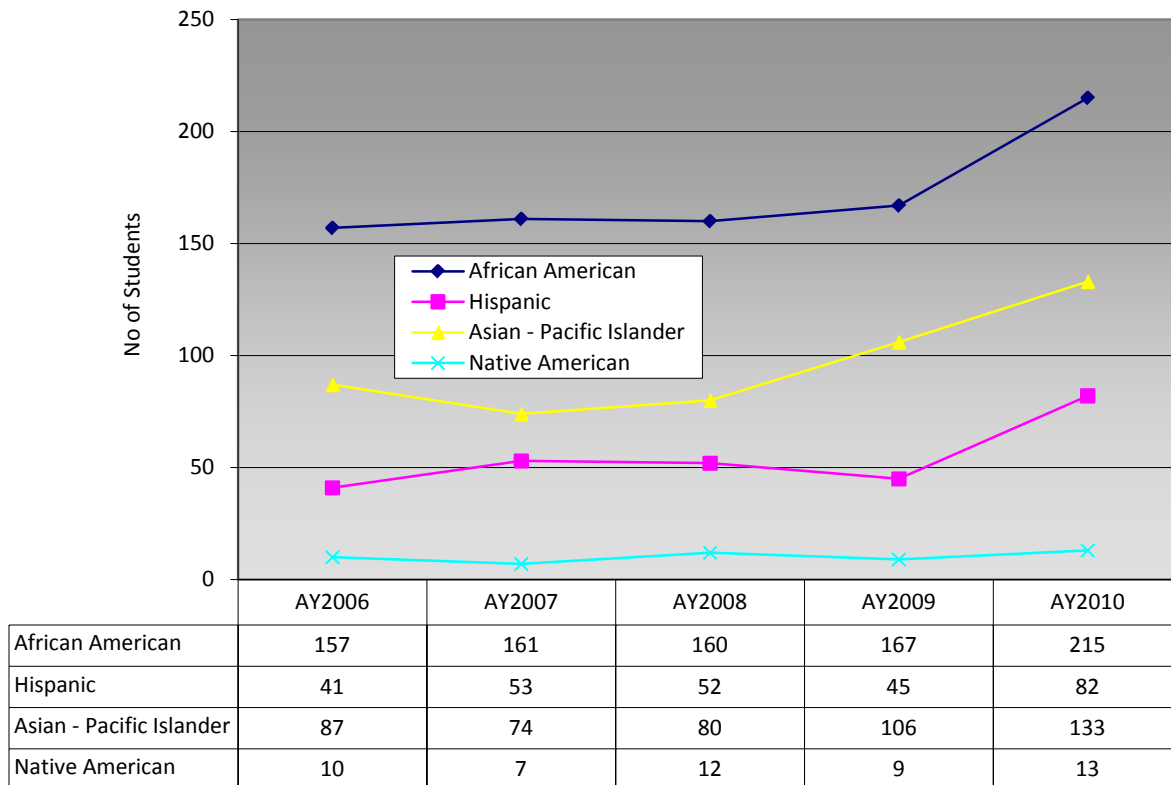
Grad Degree Applications by U.S. Minorities Academic Years 2006-2010



Admitted Grad Degree Applicants by U.S. Minorities Academic Years 2006-2010

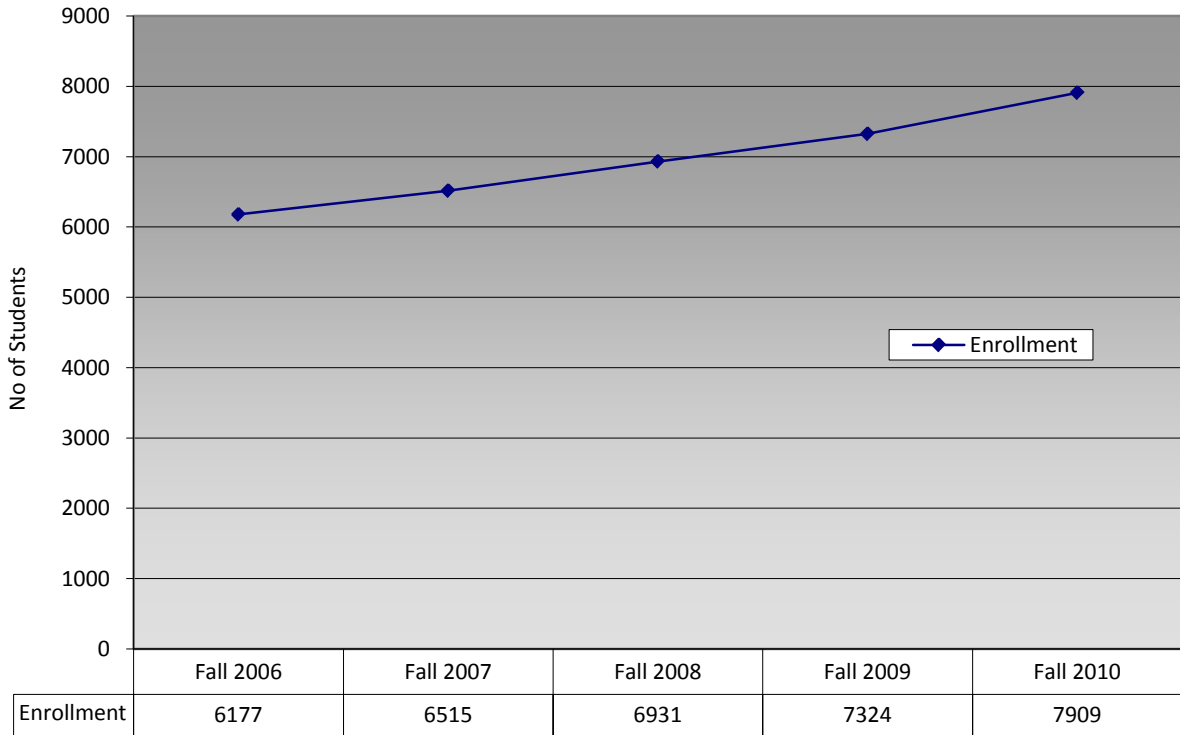


New Grad Degree Enrollments by U.S. Minorities Academic Years 2006-2010

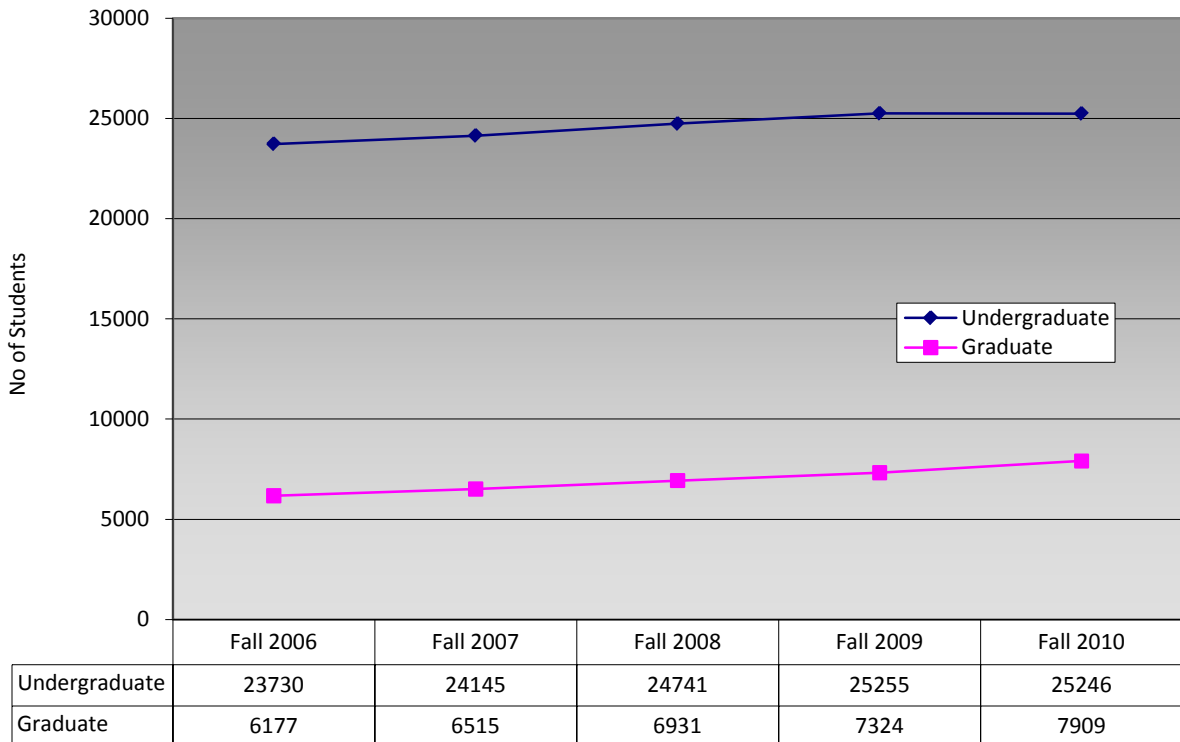


Enrollment Demographics

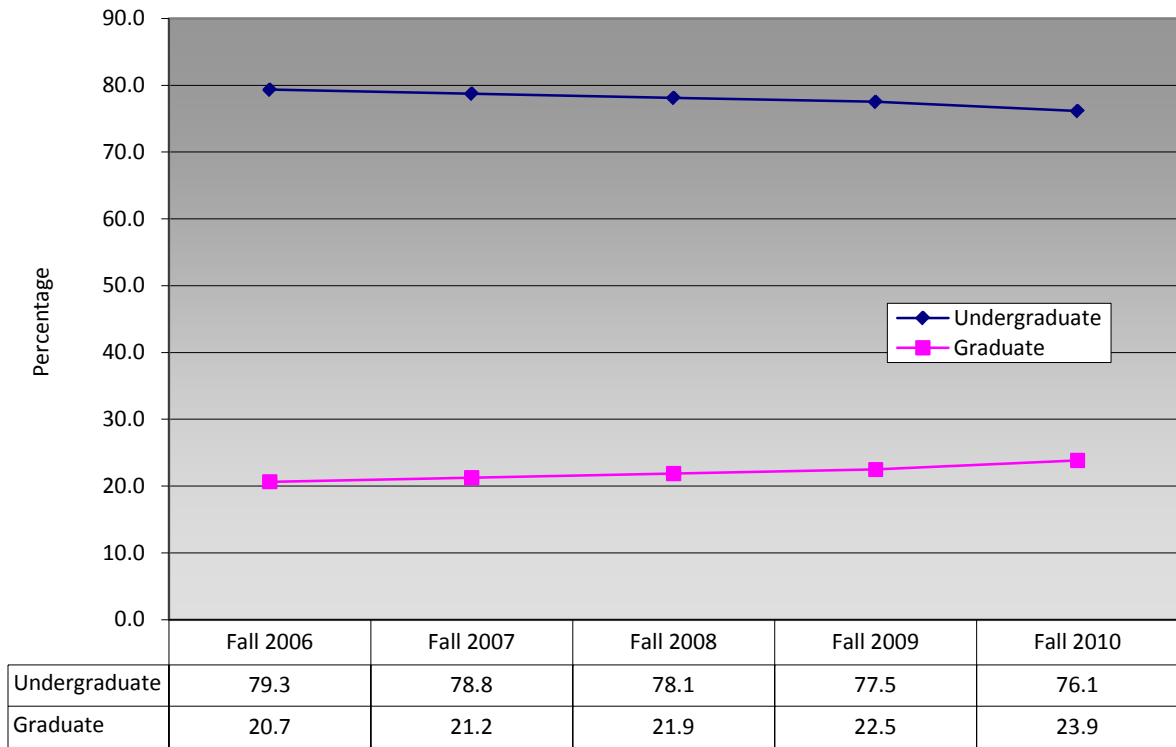
**Overall Graduate Enrollment
Fall 2006-2010**



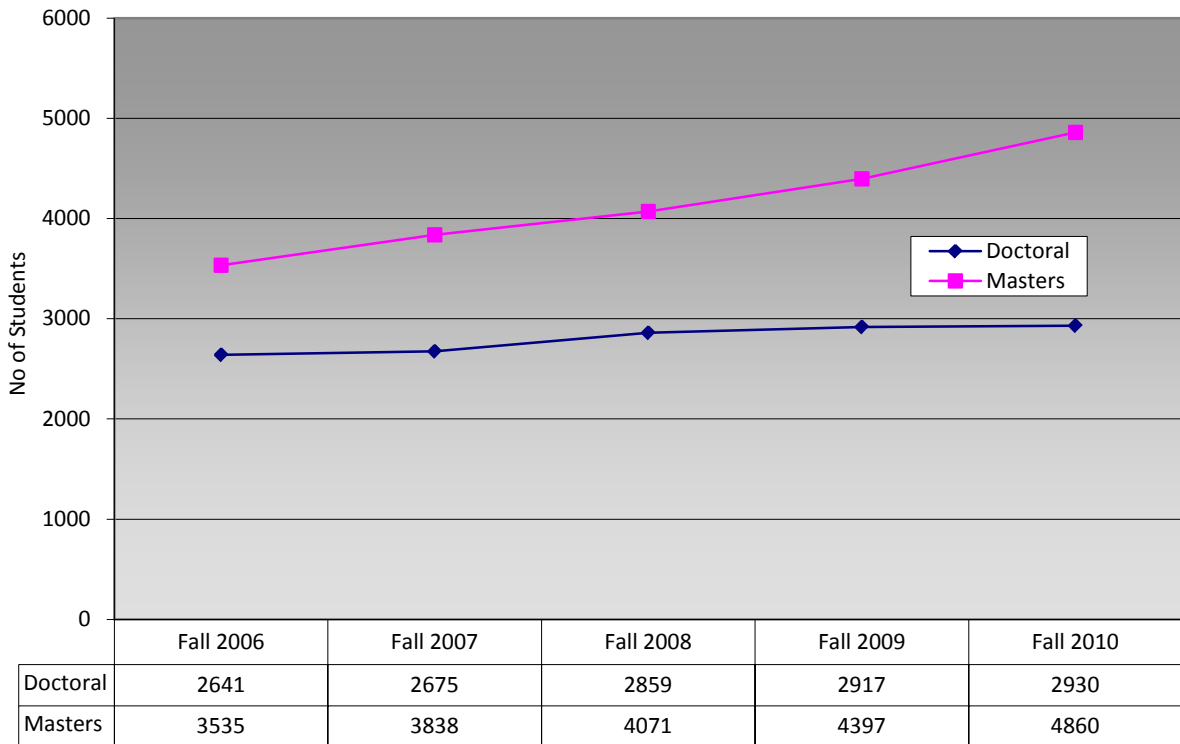
**Undergraduate and Graduate Enrollment
Fall 2006-2010**



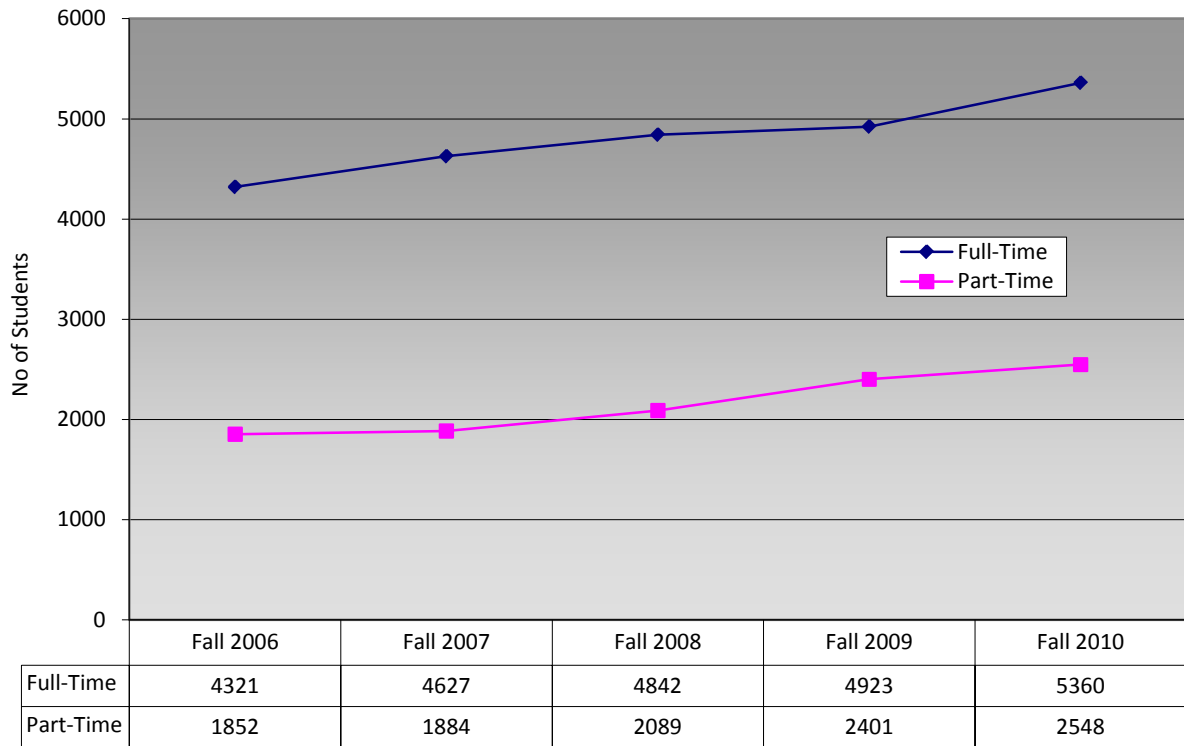
Percentage of Undergraduate and Graduate Enrollment Fall 2006-2010



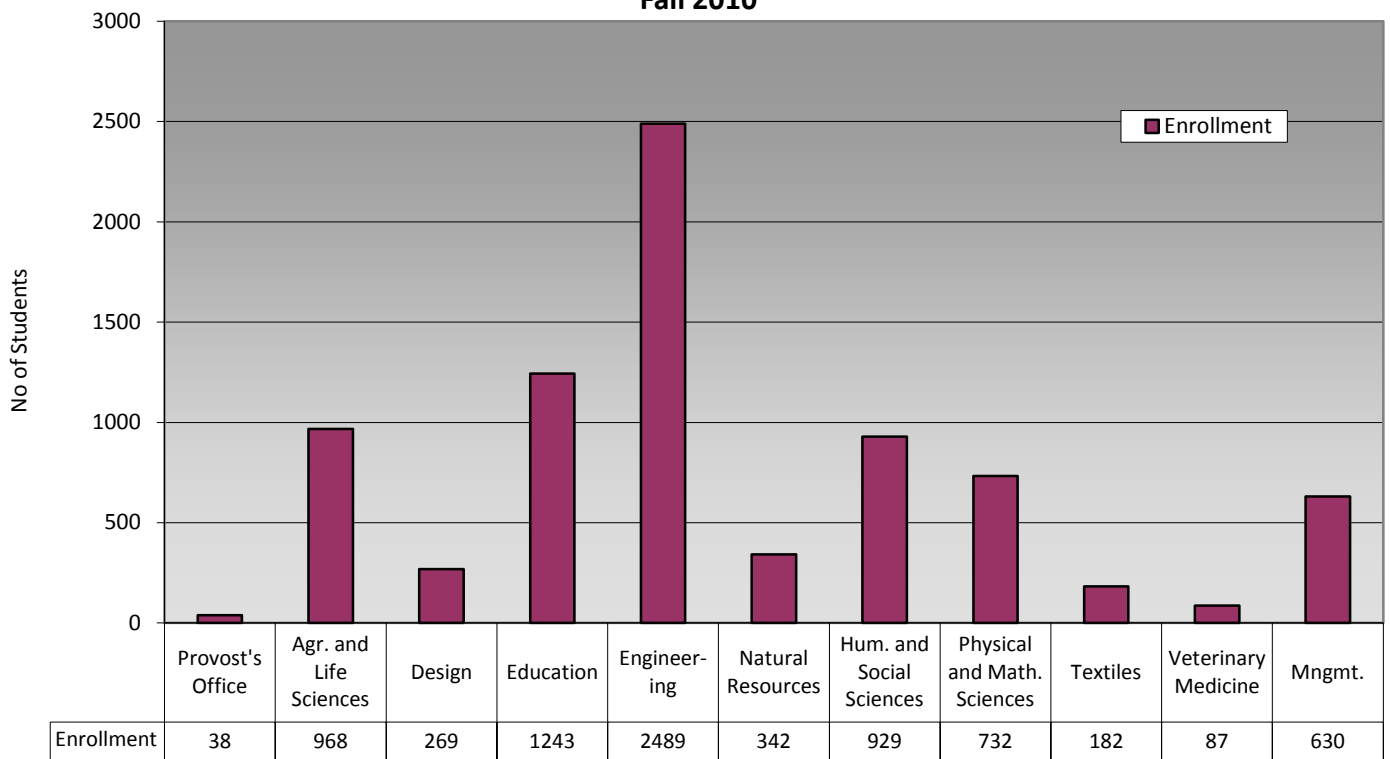
Grad Enrollment by Degree Fall 2006-2010



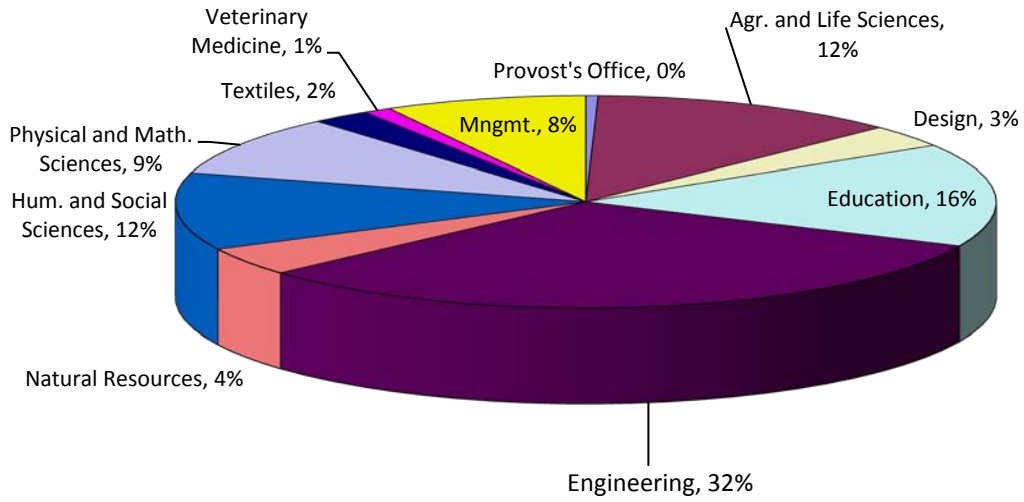
Enrollment for Full-Time and Part-Time Students Fall 2006-2010



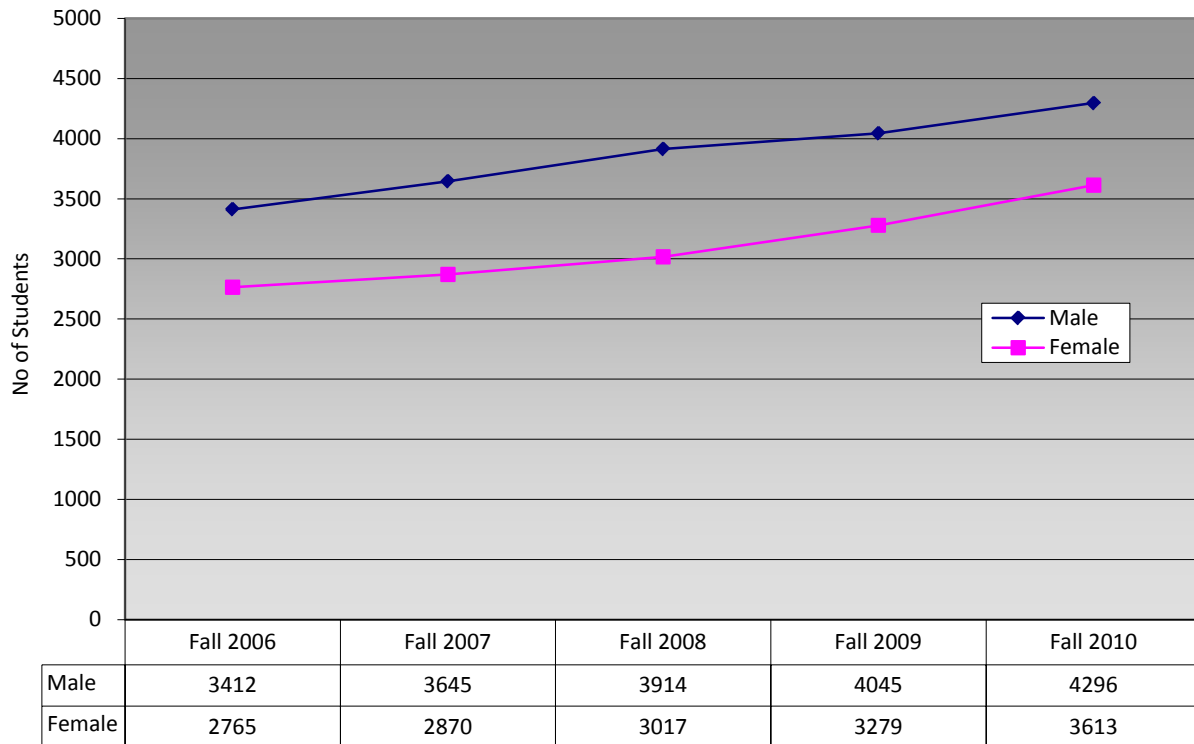
Enrollment by College Fall 2010



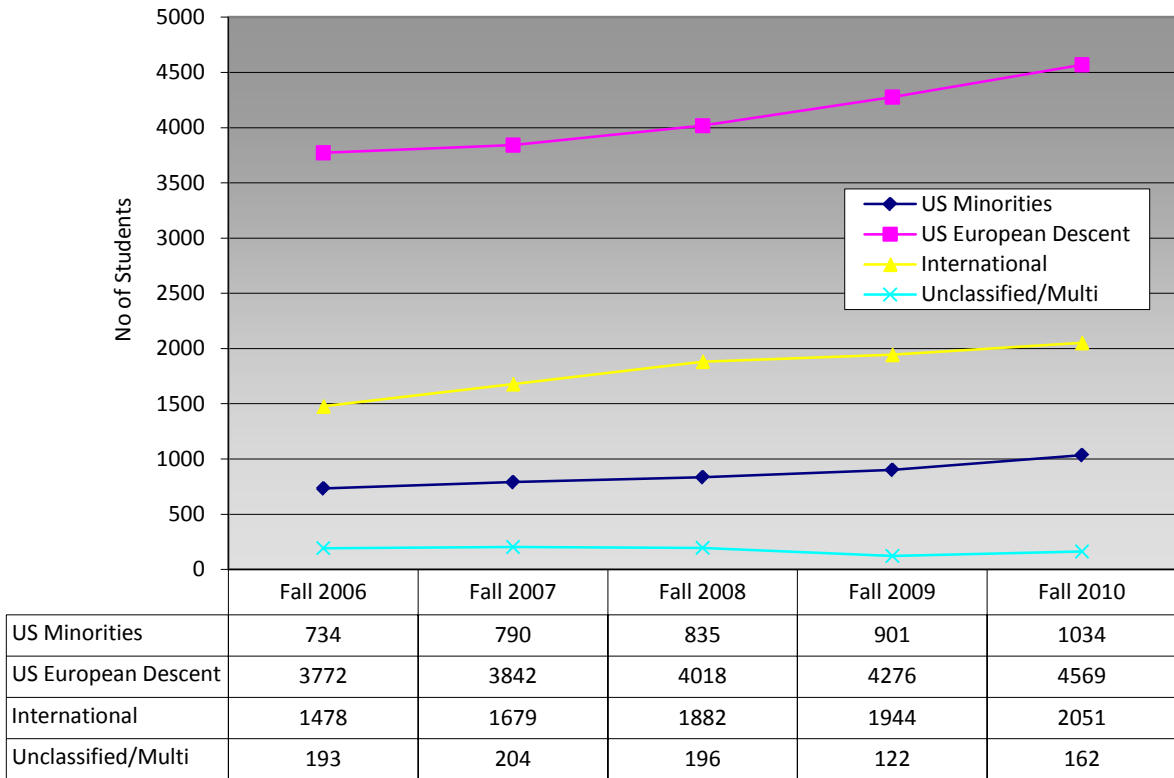
Percentage of Enrollment by College Fall 2010



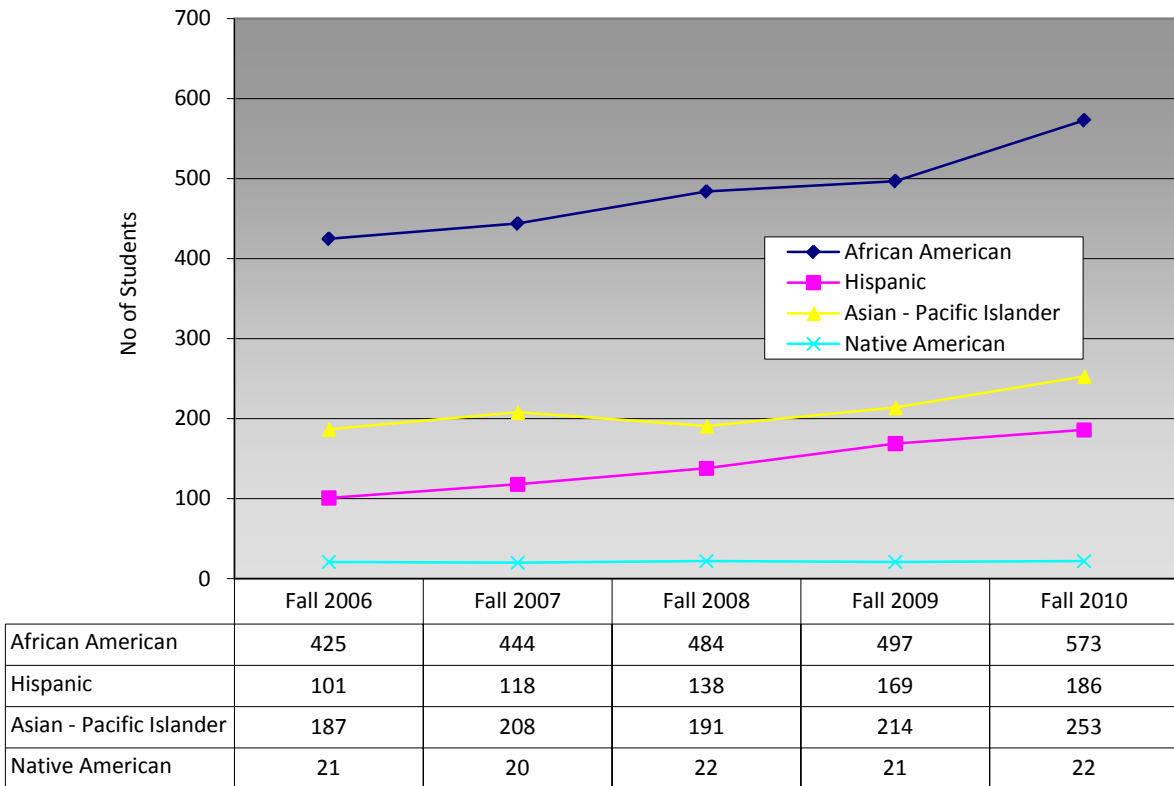
Enrollment by Gender Fall 2006-2010



Enrollment by Ethnicity and Citizenship Fall 2006-2010

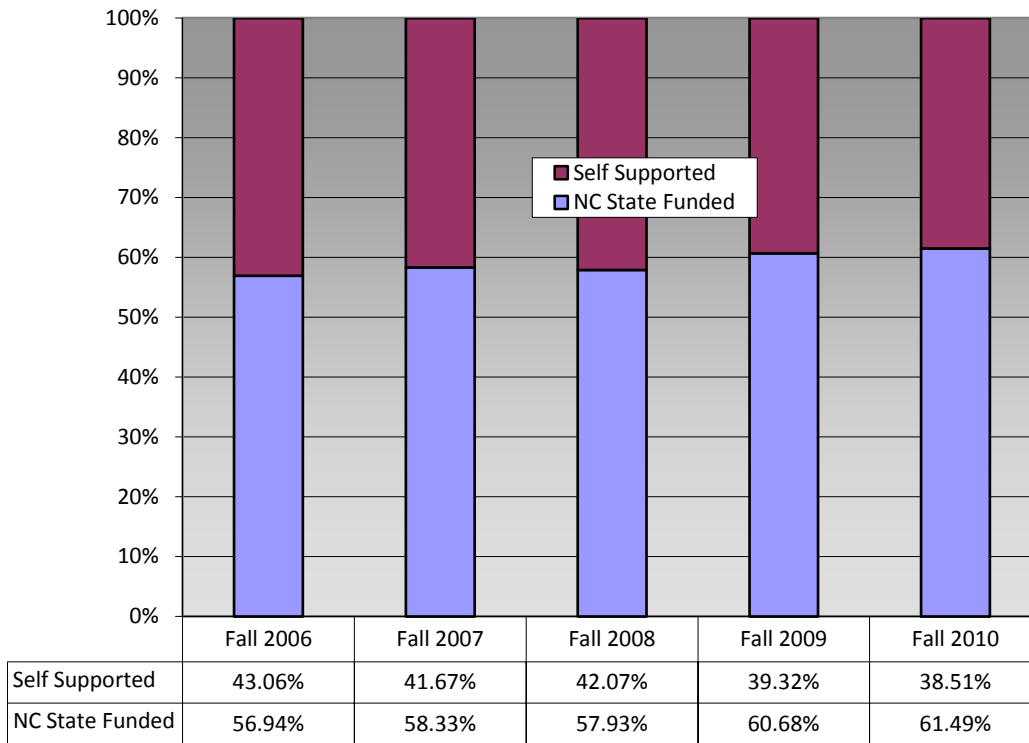


Enrollment by U.S. Minorities Fall 2006-2010

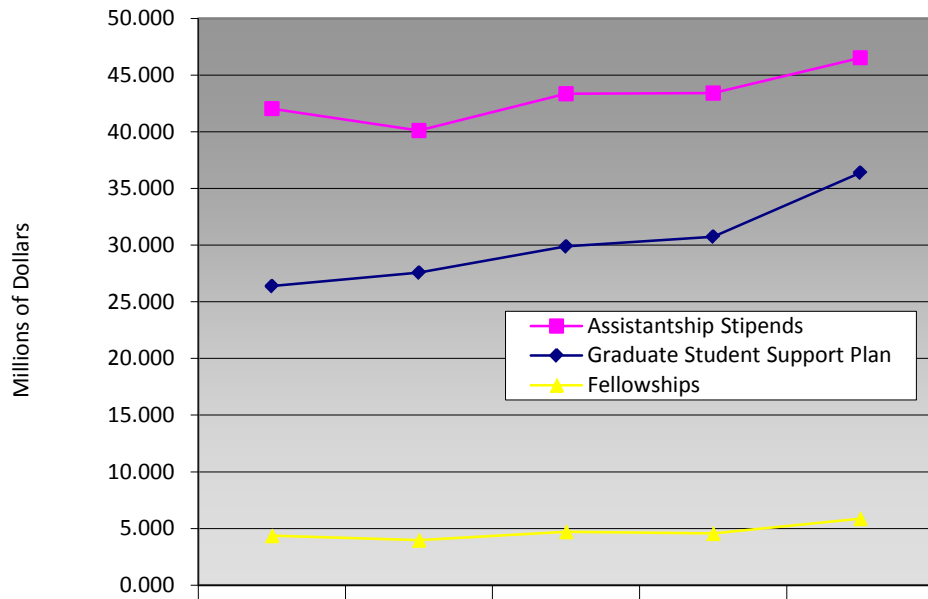


Student Support

Sources of Student Support
Fall 2006-2010

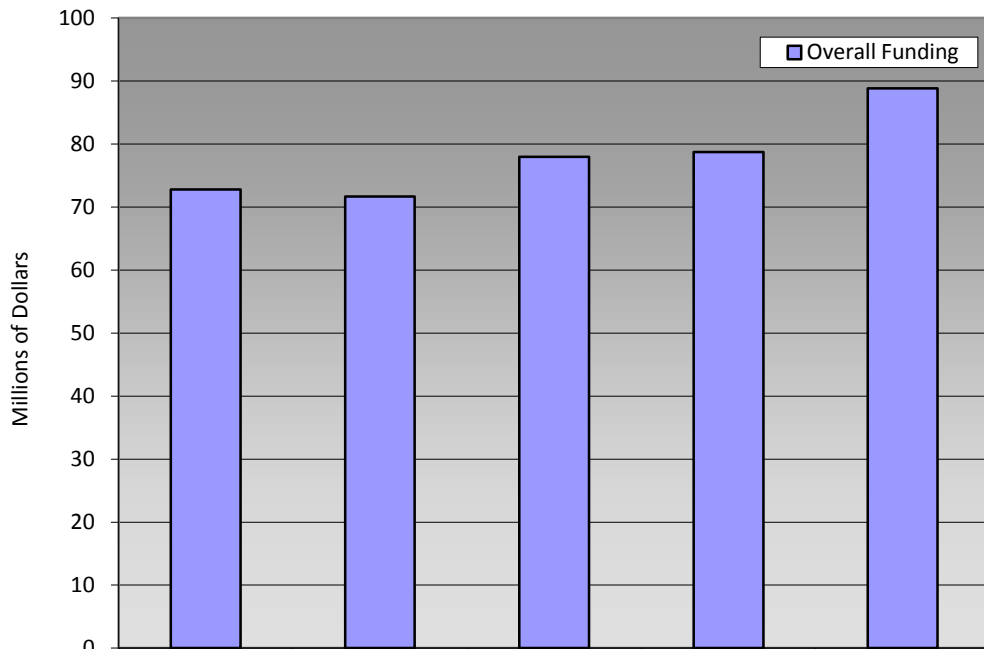


**Types of Funding through NC State
Fiscal Years 2006-2010**



	FY2006	FY2007	FY2008	FY2009	FY2010
Assistantship Stipends	42.048	40.121	43.369	43.425	46.540
Graduate Student Support Plan	26.383	27.571	29.884	30.751	36.393
Fellowships	4.367	3.969	4.720	4.563	5.878

**Overall Amount of Funding through NC State
Fiscal Years 2006-2010**



	FY2006	FY2007	FY2008	FY2009	FY2010
Overall Funding	73	72	78	79	89