



Annual Report on Graduate Education at NC State University

2007-2008



Presented by The Graduate School

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Michael Carter, Associate Dean
George Hodge, Interim Associate Dean
Rick Liston, Assistant Dean
Rebeca Rufty, Associate Dean
David Shafer, Assistant Dean
Daniel Willits, Interim Associate Dean




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Message from the Interim Dean of the Graduate School

The purpose of this **Annual Report** is to spotlight graduate education at NC State 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.

We have advanced that aim in other ways during the academic year of 2007/2008 as we expanded educational opportunities for graduate students.

One of the most important areas of this expansion was in professional development under the aegis of our new initiative, Preparing Future Leaders (PFL). PFL was conceived as a way of augmenting the disciplinary-based education of students and postdocs to make them more competitive in the global market. The **Professional Development Seminars** offer training in several broad areas including grant writing, leadership, effective communication, and conflict resolution. The **Responsible Conduct of Research** program prepares beginning graduate students for their research endeavors and provides a foundation for responsible conduct of research throughout their professional lives. **Preparing the Professoriate** continues to provide advanced doctoral students a focused experience of workshops and mentoring to prepare them for college teaching. And the **Certificate of Accomplishment in Teaching** was moved from the Faculty Center for Teaching and Learning to the Graduate School. To improve our capacity to offer these services, we hired Dr. Melissa Bostrom as Director of Academic and Professional Development Programs and Dr. Barbie Honeycutt as Director of Graduate Teaching Programs.

We initiated a project to increase the number of Professional Master's (PM) programs at NC State, a project that will later serve as a model for the UNC System. To launch this effort, we worked with UNC-General Administration and representatives from the Alfred P. Sloan Foundation and the Council of Graduate Schools to sponsor a Colloquium on Professional Graduate Education. We have begun to talk with faculty interested in starting a PM program and have gained initial consent to explore employers' needs for such degrees. Dr. Lisbeth Borbye, former director of the highly successful Professional Science Master's program in Microbial Biotechnology, has been hired to direct these efforts as Assistant Dean for Professional Education.

Another expansion of educational opportunities occurred in the development of new partnerships with international universities. The Graduate School has played a major role in establishing dual-degree programs with Seoul National University, South Korea; Université Paul Cézanne, Aix-en-Provence, France; University of Surrey, England; and National Chiao Tung University, Taiwan. MOU's have been approved for Zhejiang University (3+1 program), Surrey University in England (International Programs); Université Paul Cézanne, Aix-en-Provence (Global Innovation Management), National Chiao Tung University, Taiwan (Industrial Systems Engineering); and Seoul National University (Genomics).

Other examples of supporting graduate education:

- The Graduate School led an effort to enhance the quality and sustainability of interdisciplinary programs at NC State by appointing and overseeing the Interdisciplinary Program Task Force. Its proposal has been accepted by the provost.
- We initiated the Provost's Fellowship program and awarded approximately \$230,000 to fund 60 Provost's Fellows. Each doctoral program was allocated two \$4,000 Provost's Fellowships and one \$5,000 University Graduate Research Fellowship to be used as top-up grants to help in recruiting.
- The Graduate School was awarded a \$2.1 million grant from the National Institutes of Health, designed to increase diversity in doctoral education and in the Ph.D. workforce in biomedical and behavioral sciences.
- In an effort to increase fellowship opportunities for students, we reached out to graduate alumni in several ways: (1) holding "Meet the Dean" events in New York City, Seattle, Korea, China, and Austin



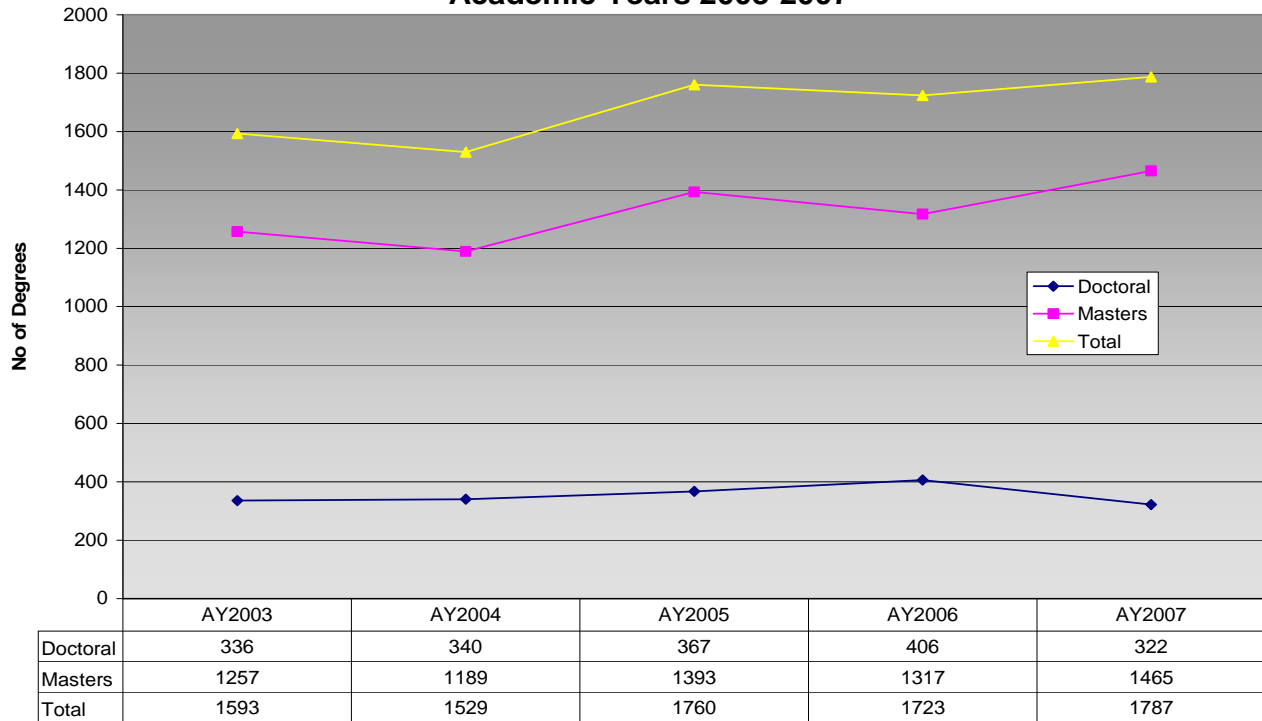
Dr. Duane K. Larick
Interim Dean

and a fellowship donors meeting at our 13th Annual Fellowship Dinner, (2) inviting eminent graduate alumni to participate in the Graduate School's Professional Development Series, and (3) communicating with 220 graduate alumni as a follow-up to last year's feasibility study. We also received our largest-ever individual annual fund gift from a board member.

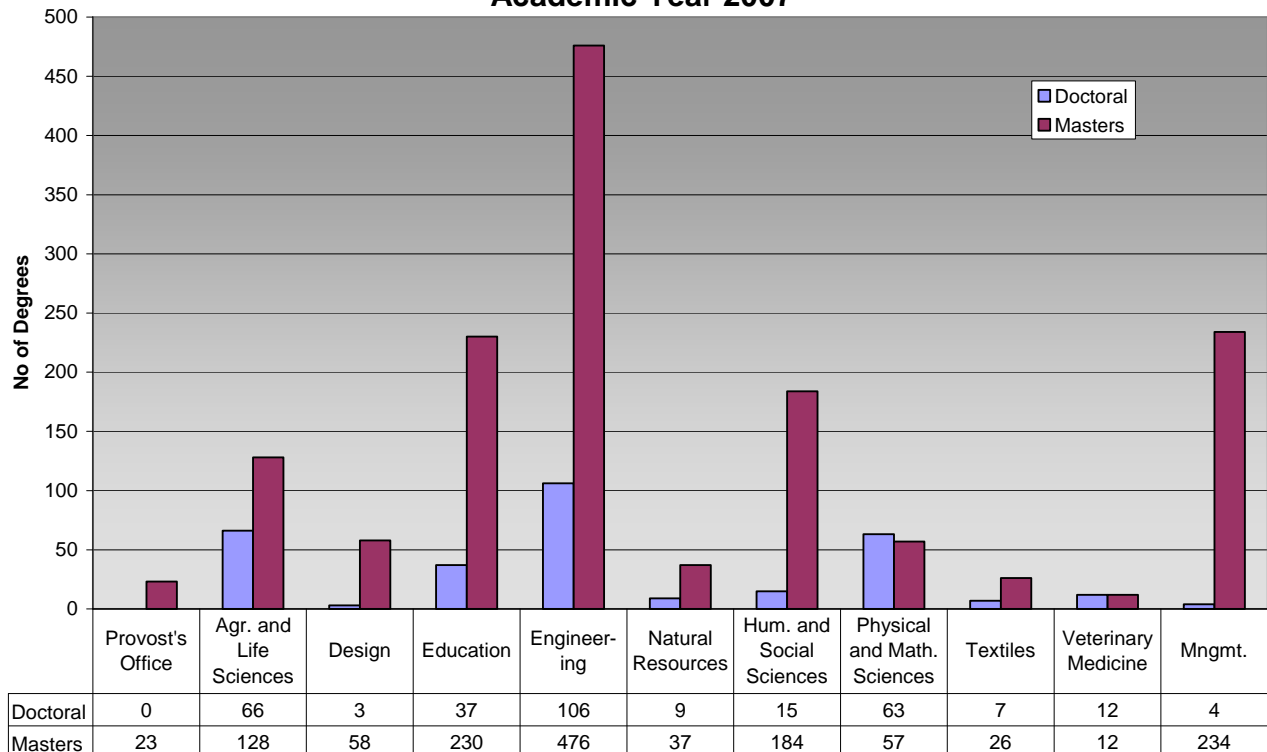
- To improve our service to prospective graduate students as well as current students, the Graduate School implemented the RightNow Frequently Asked Question Knowledge-Base software. In addition, we completely revised of our Web site.

Degrees Conferred

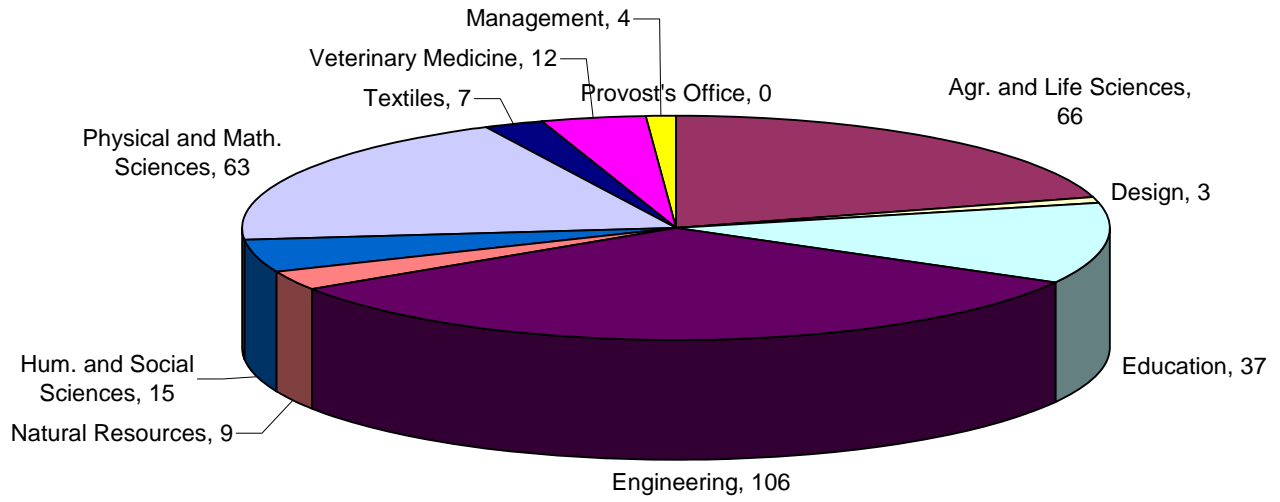
Degrees Conferred Academic Years 2003-2007



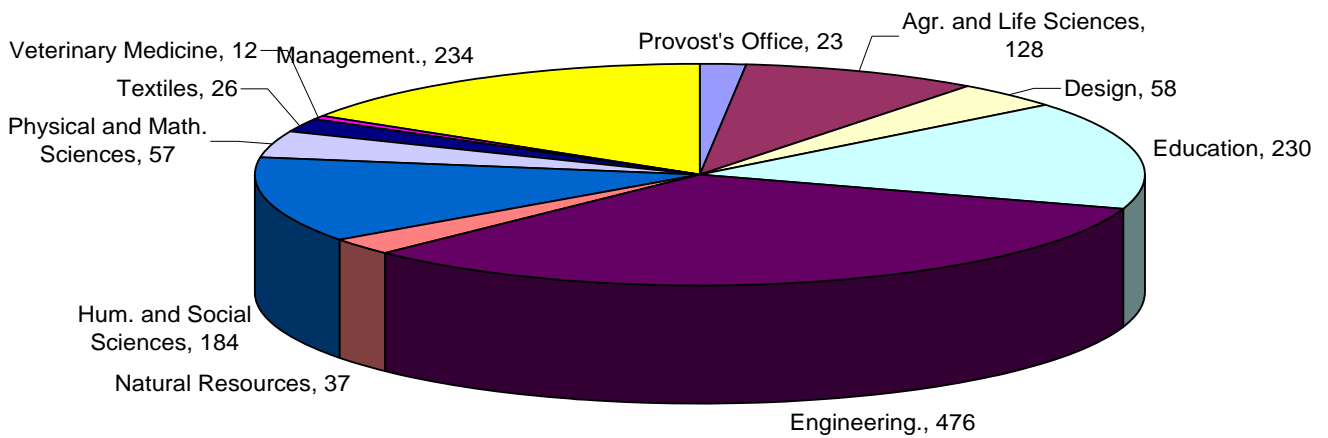
Master's and Doctoral Degrees by College Academic Year 2007



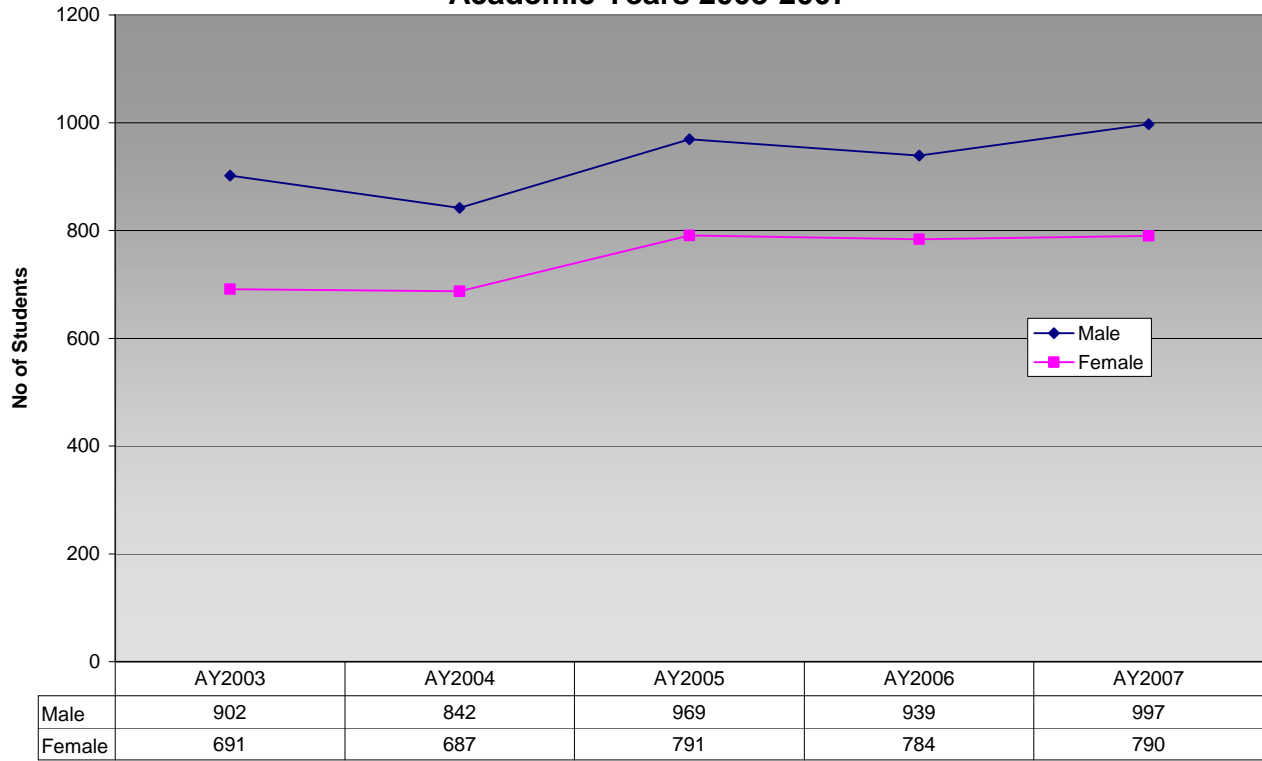
Doctoral Degrees by College Academic Year 2007



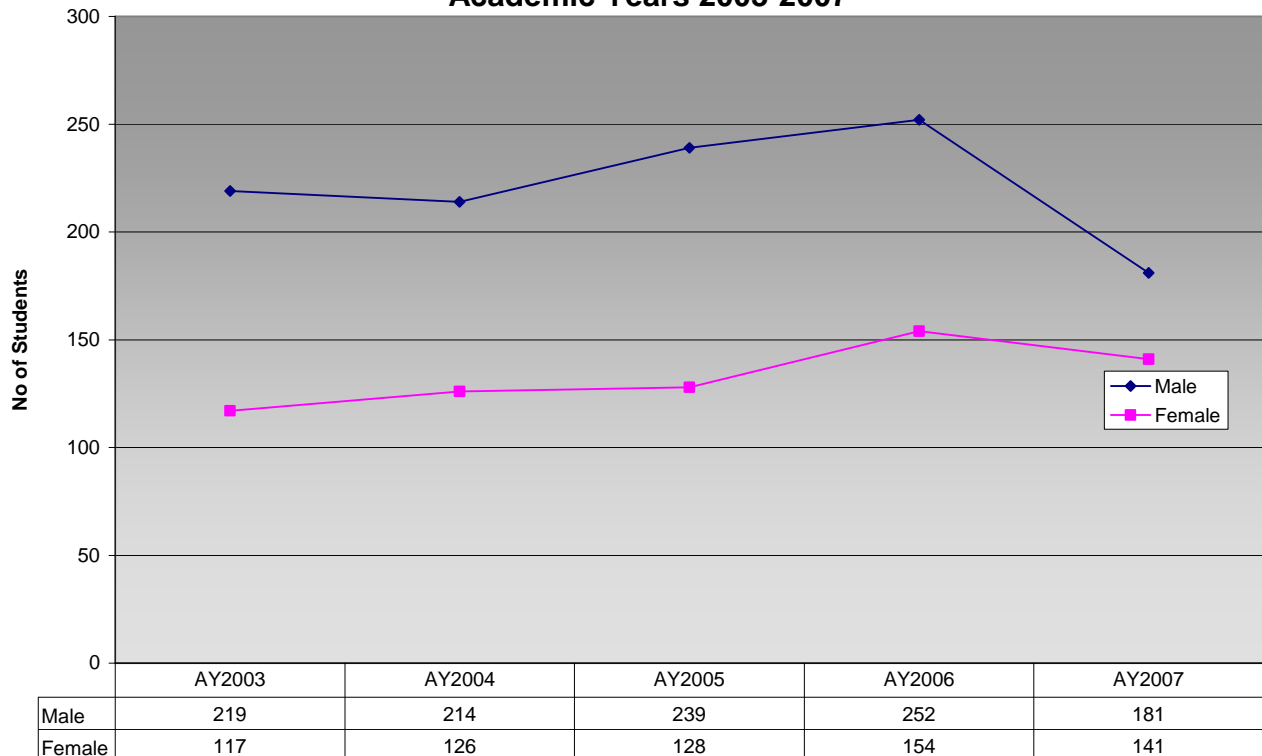
Master's Degrees by College Academic Year 2007



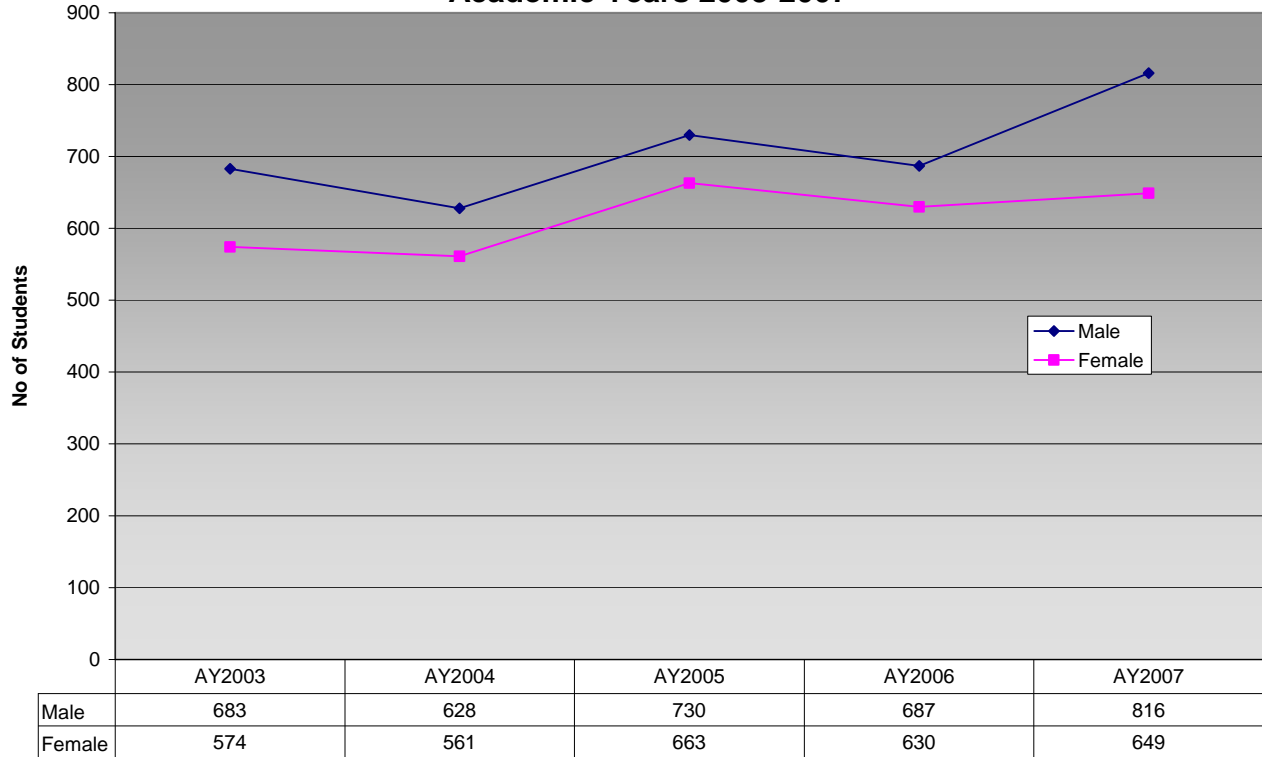
Degree Recipients by Gender Academic Years 2003-2007



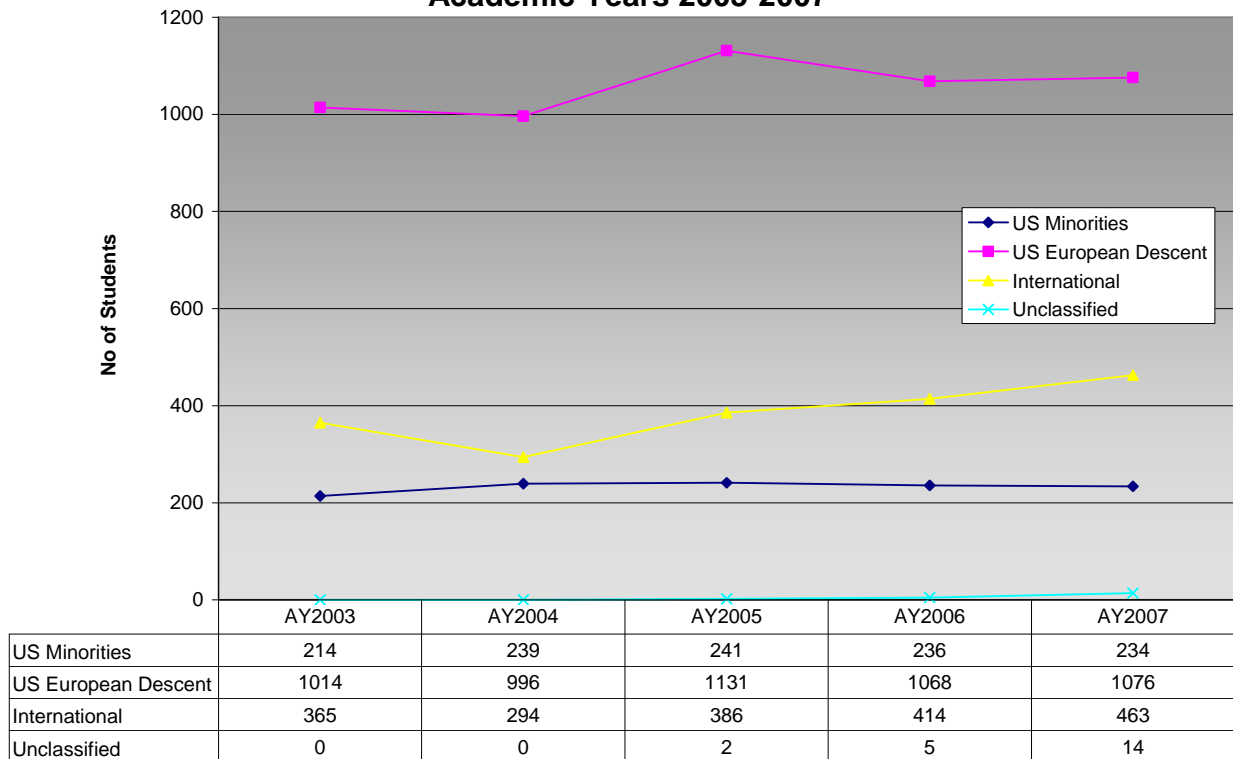
Doctoral Degree Recipients by Gender Academic Years 2003-2007



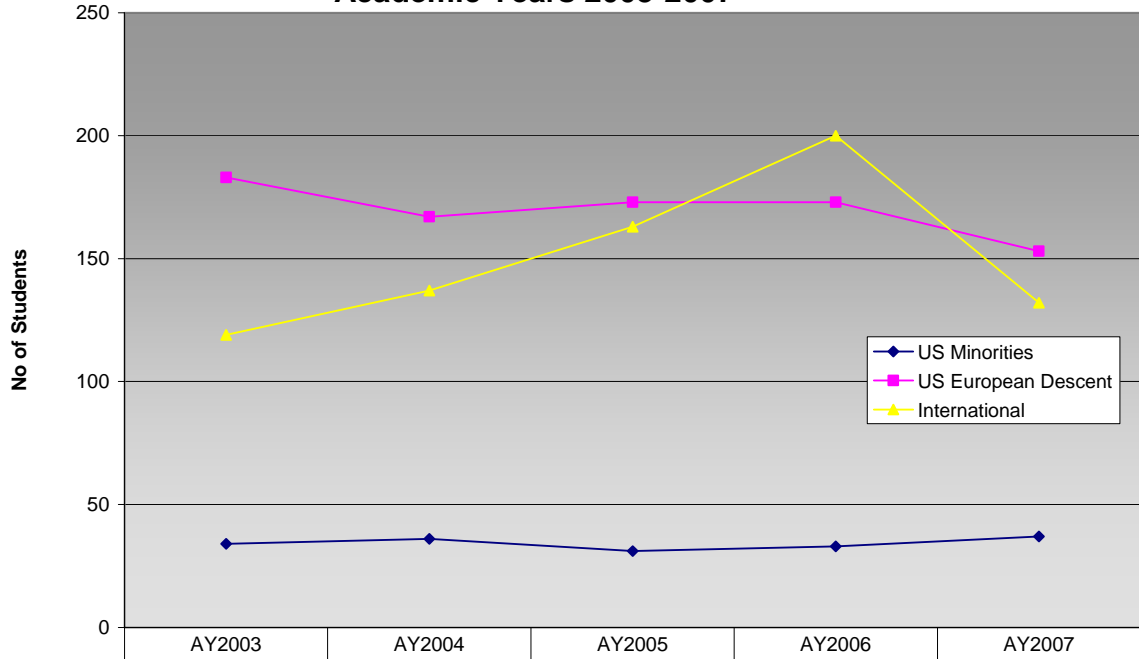
Master's Degree Recipients by Gender Academic Years 2003-2007



Degree Recipients by Ethnicity and Citizenship Academic Years 2003-2007

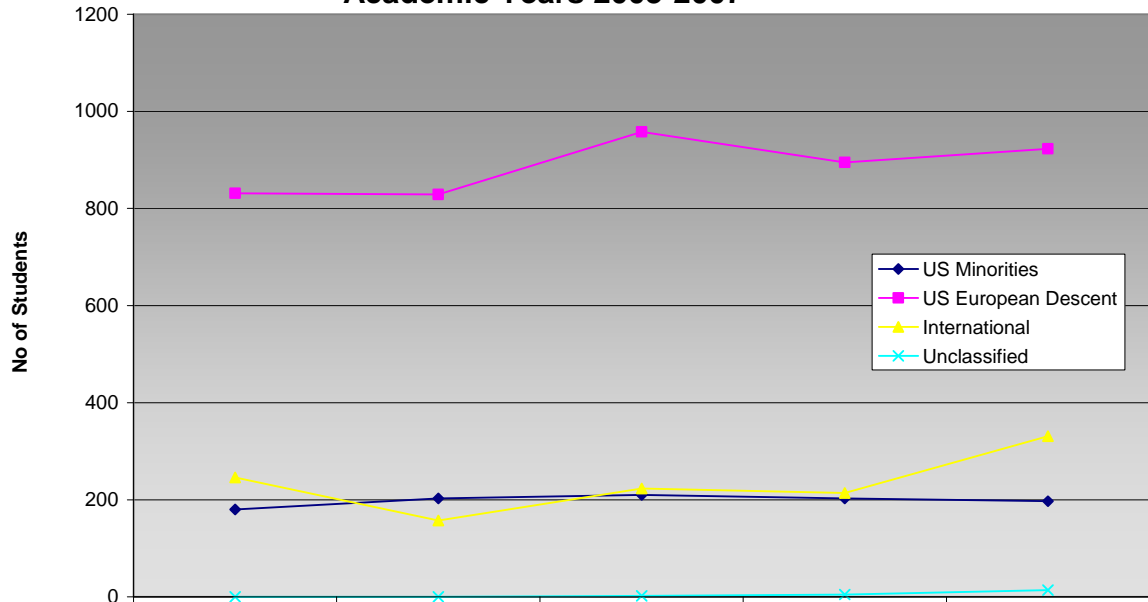


Doctoral Degree Recipients by Ethnicity and Citizenship Academic Years 2003-2007



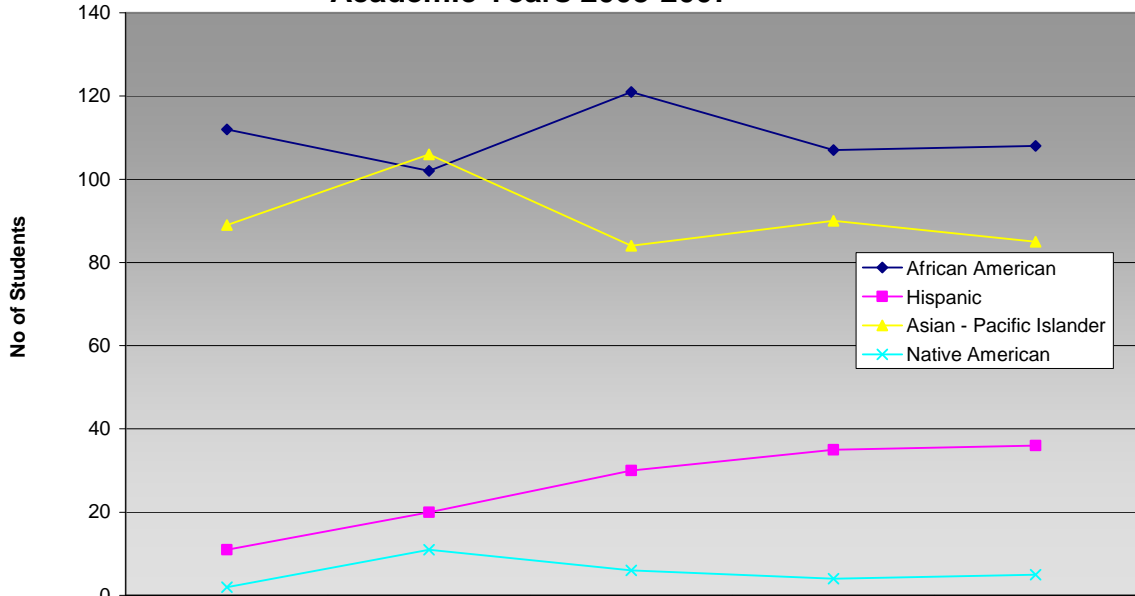
	AY2003	AY2004	AY2005	AY2006	AY2007
US Minorities	34	36	31	33	37
US European Descent	183	167	173	173	153
International	119	137	163	200	132

Master's Degree Recipients by Ethnicity and Citizenship Academic Years 2003-2007



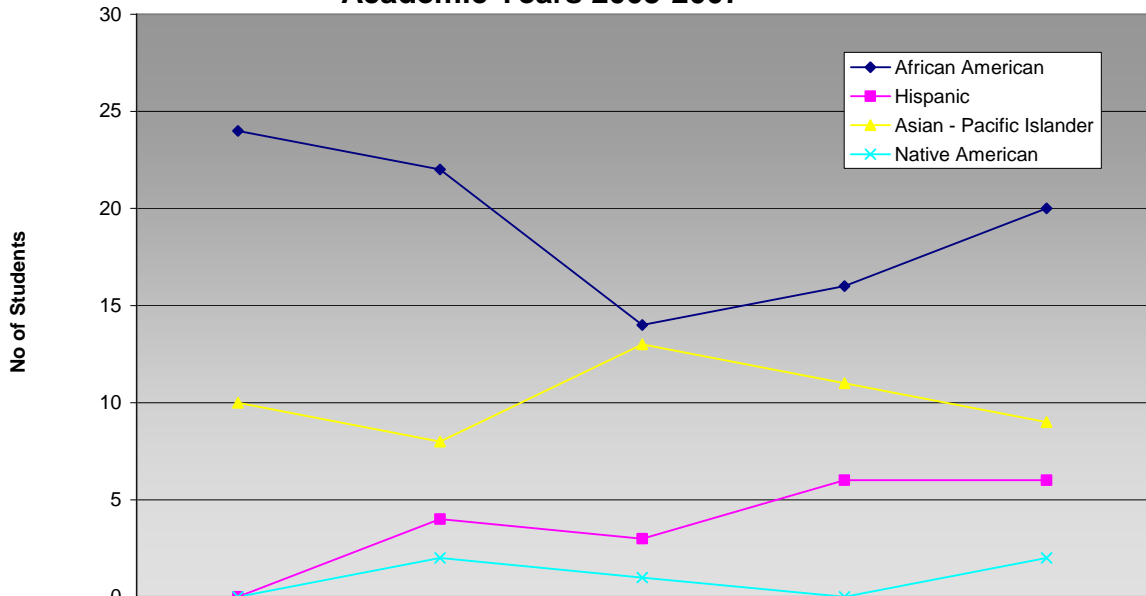
	AY2003	AY2004	AY2005	AY2006	AY2007
US Minorities	180	203	210	203	197
US European Descent	831	829	958	895	923
International	246	157	223	214	331
Unclassified	0	0	2	5	14

Degree Recipients by U.S. Minorities Academic Years 2003-2007



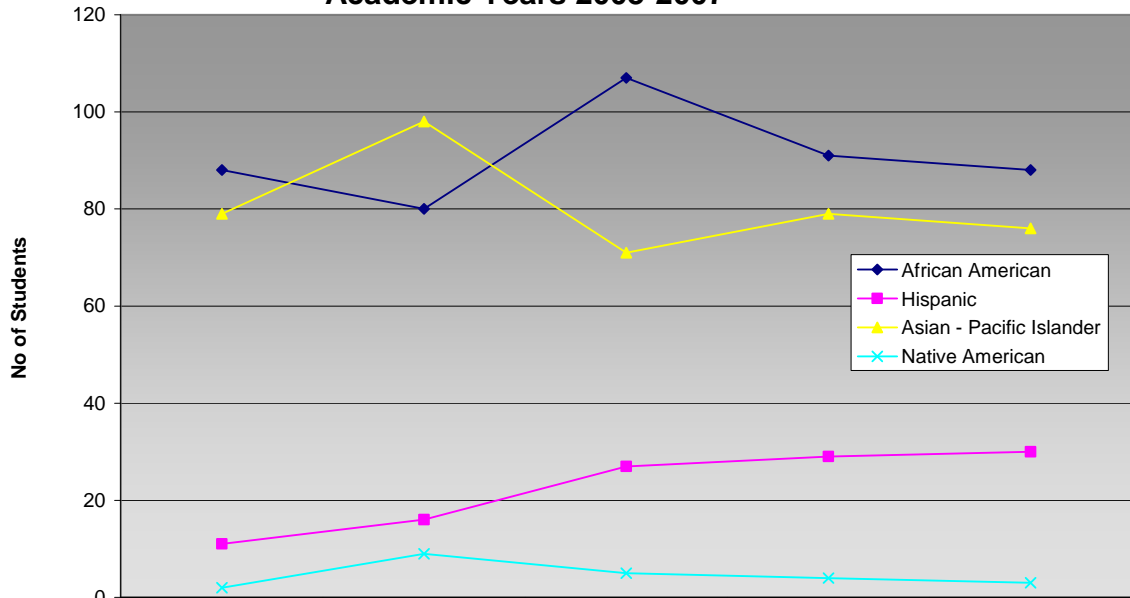
	AY2003	AY2004	AY2005	AY2006	AY2007
African American	112	102	121	107	108
Hispanic	11	20	30	35	36
Asian - Pacific Islander	89	106	84	90	85
Native American	2	11	6	4	5

Doctoral Degree Recipients by U.S. Minorities Academic Years 2003-2007



	AY2003	AY2004	AY2005	AY2006	AY2007
African American	24	22	14	16	20
Hispanic	0	4	3	6	6
Asian - Pacific Islander	10	8	13	11	9
Native American	0	2	1	0	2

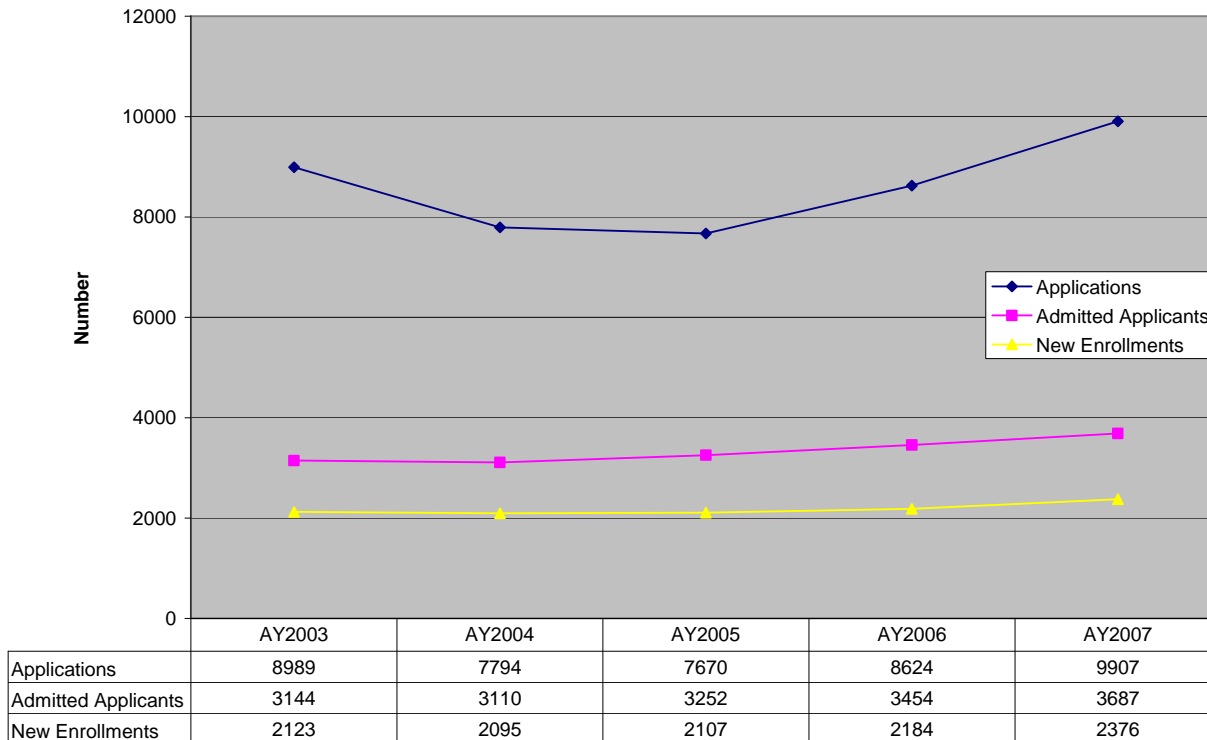
Master's Degree Recipients by US Minorities Academic Years 2003-2007



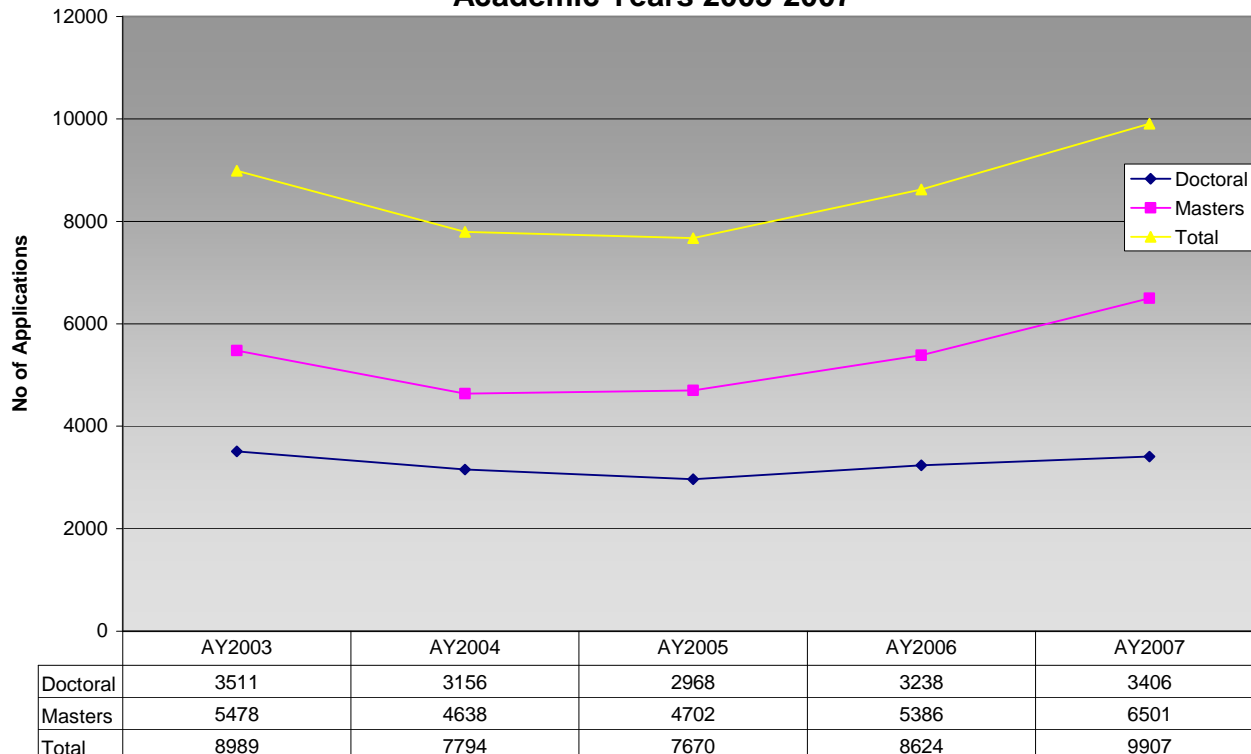
	AY2003	AY2004	AY2005	AY2006	AY2007
African American	88	80	107	91	88
Hispanic	11	16	27	29	30
Asian - Pacific Islander	79	98	71	79	76
Native American	2	9	5	4	3

Applications, Admissions, and Enrollments

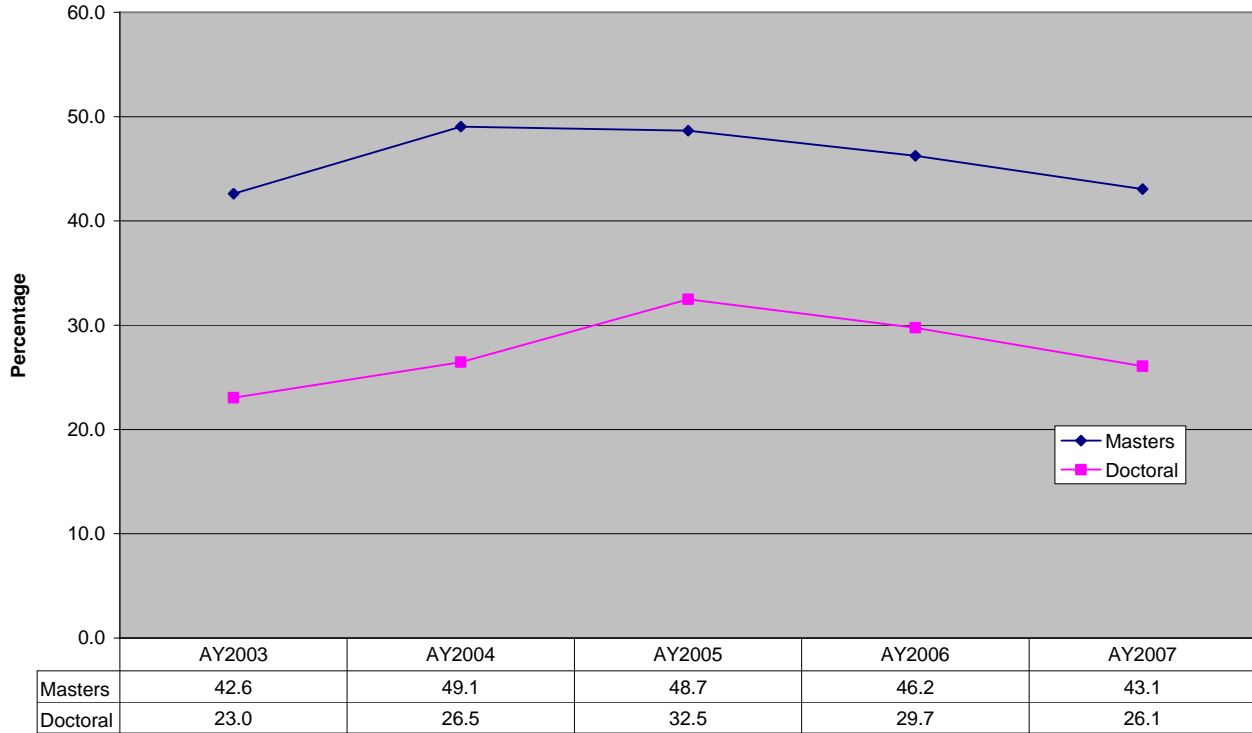
Applications, Admitted Applicants and New Enrollments Academic Years 2003-2007



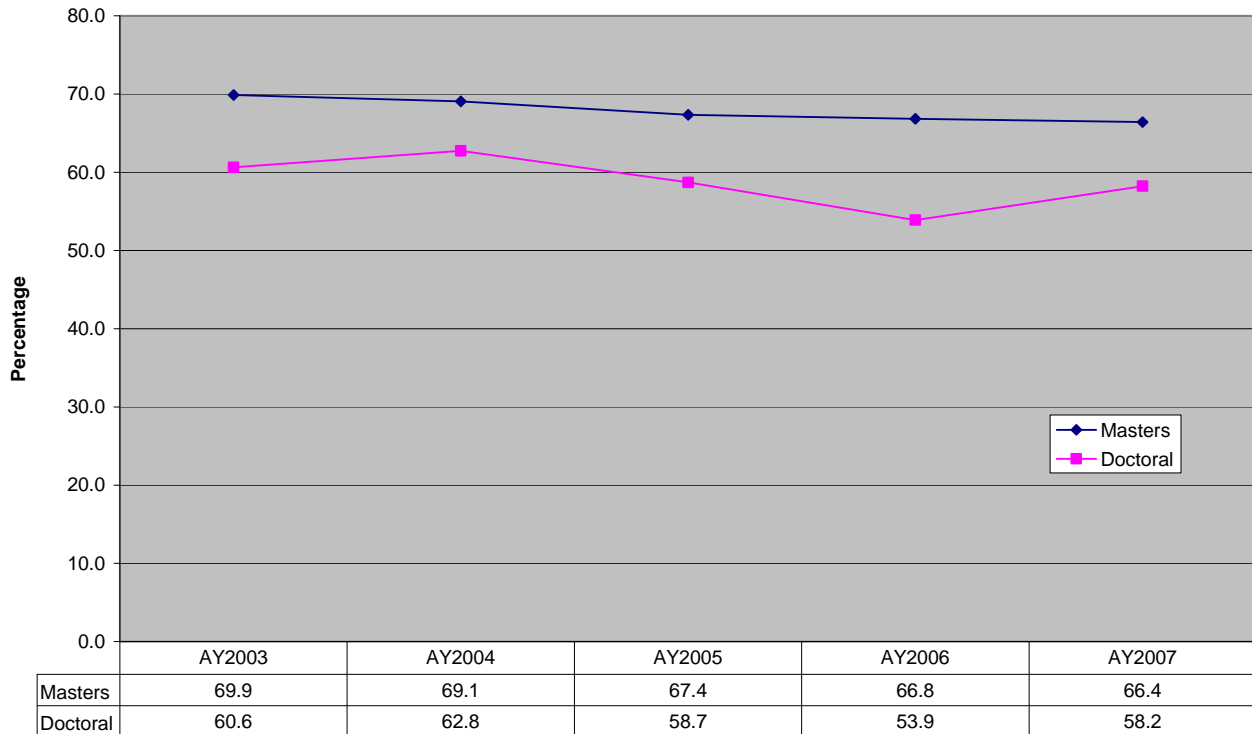
Applications by Degree Academic Years 2003-2007



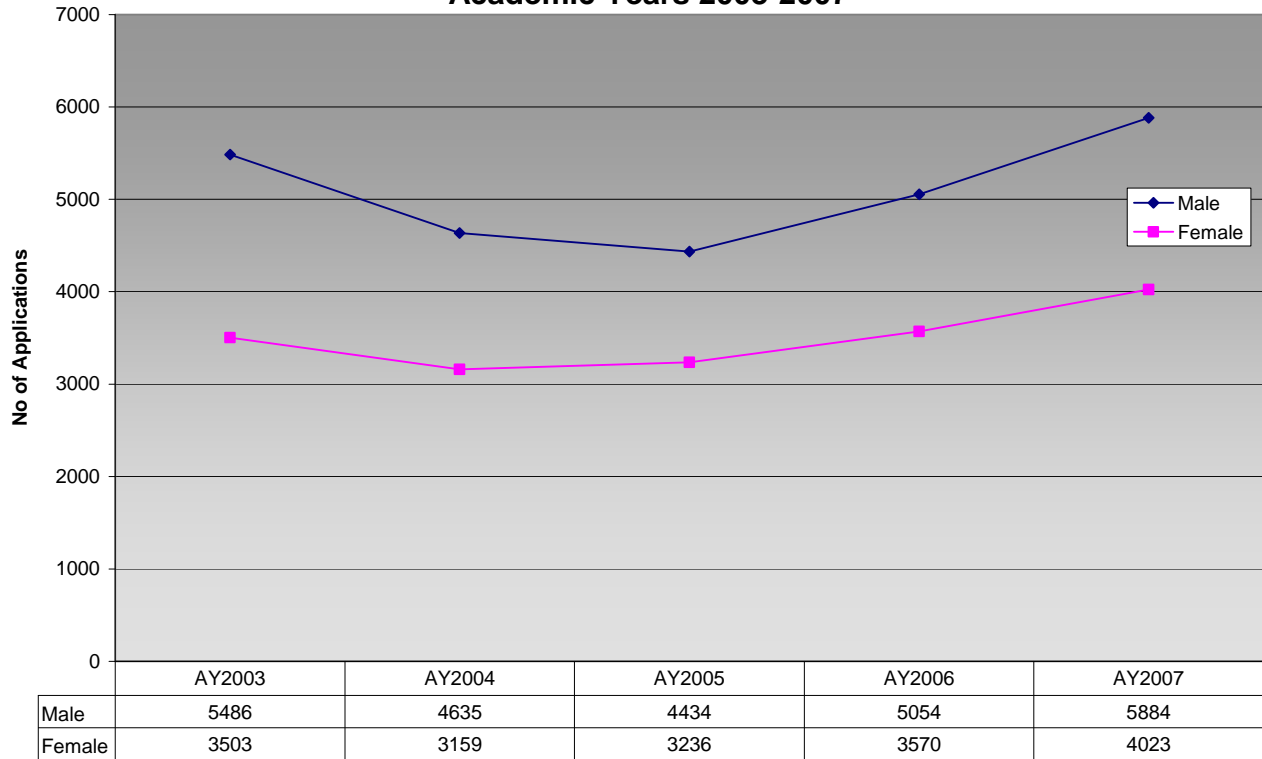
Percentage of Applicants Admitted Academic Years 2003-2007



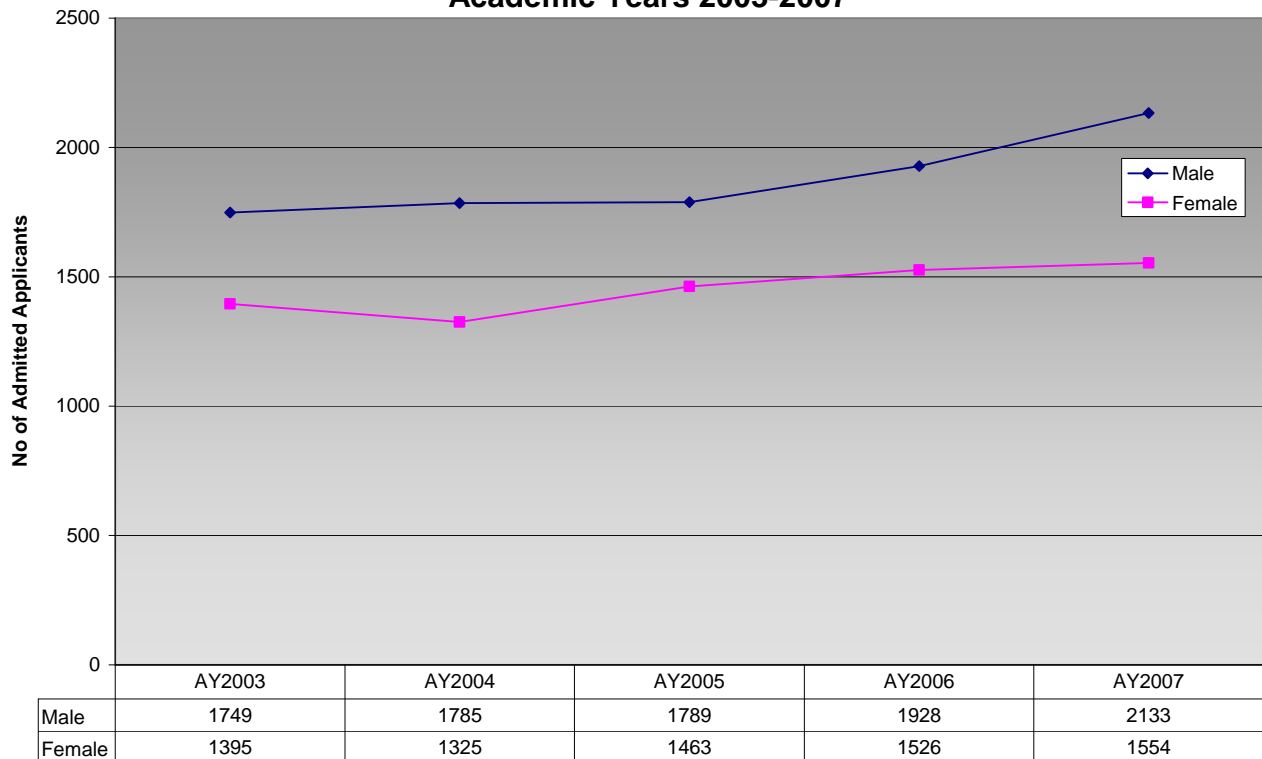
New Enrollments as a Percentage of Admitted Applicants Academic Years 2003-2007



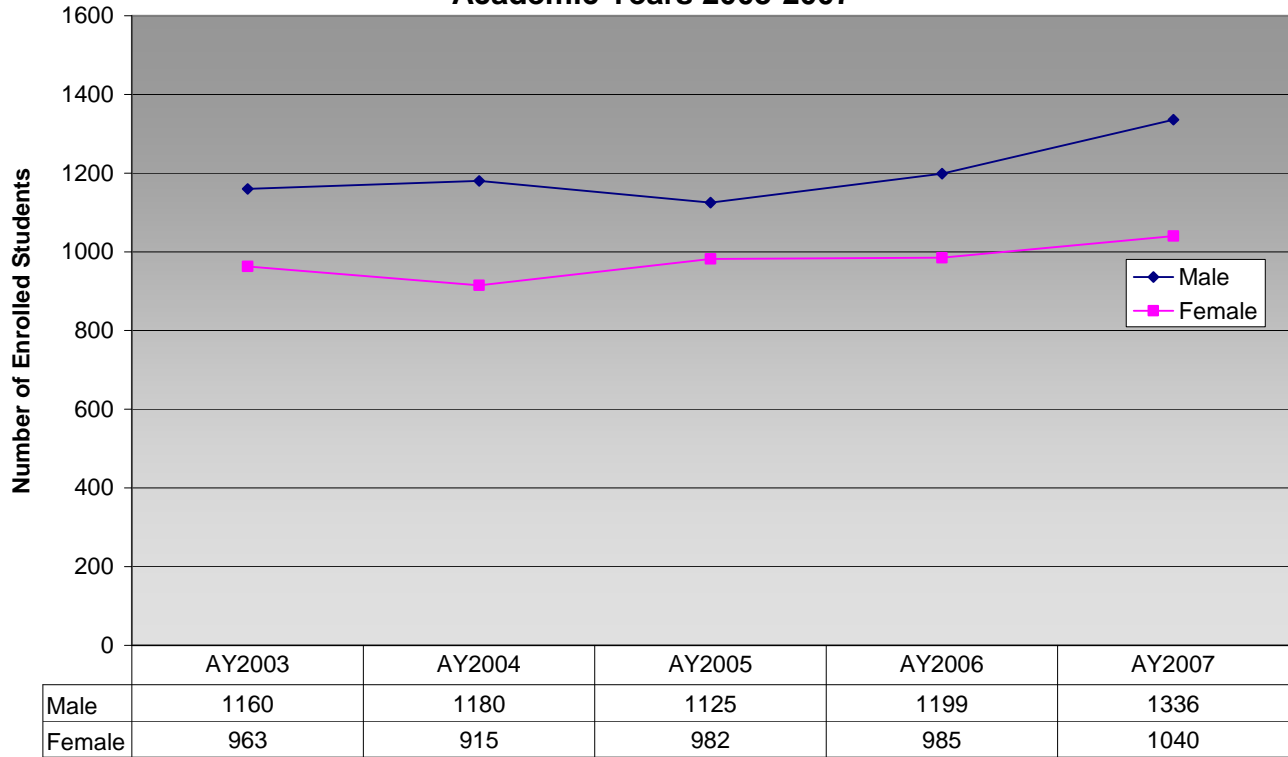
Applications by Gender Academic Years 2003-2007



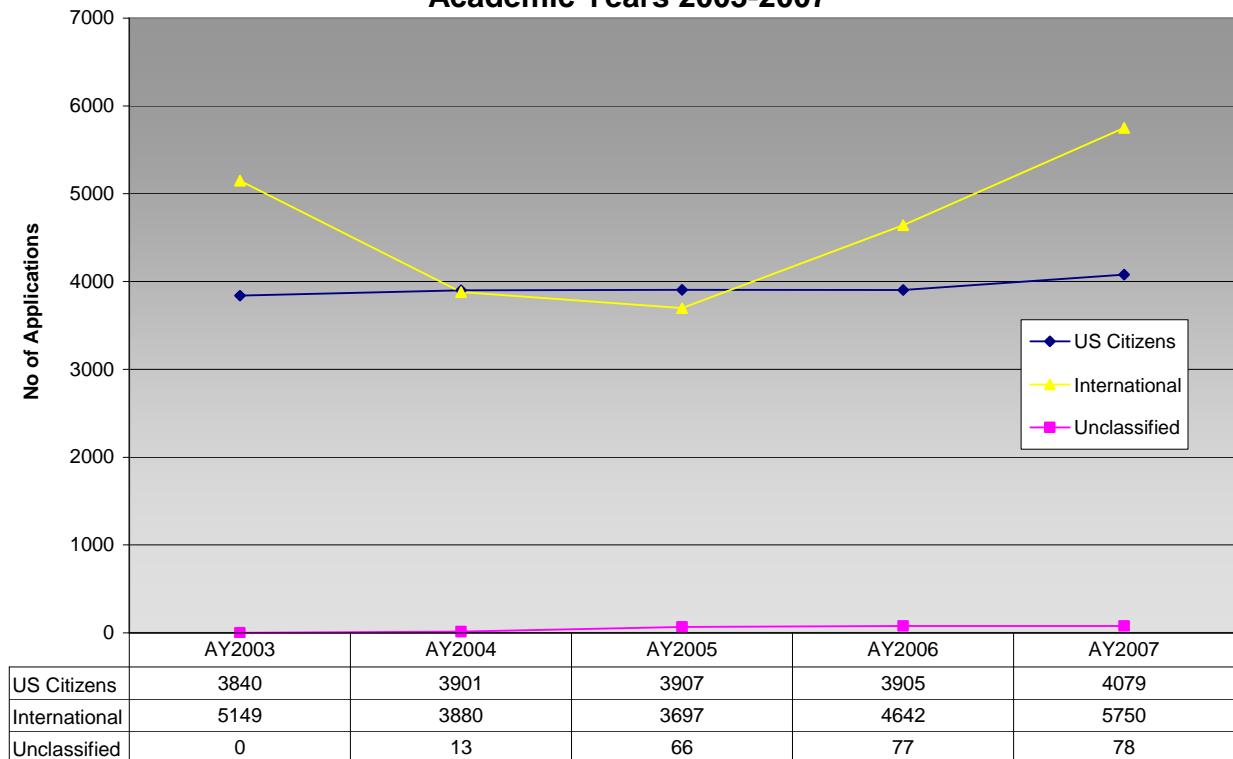
Admitted Applicants by Gender Academic Years 2003-2007



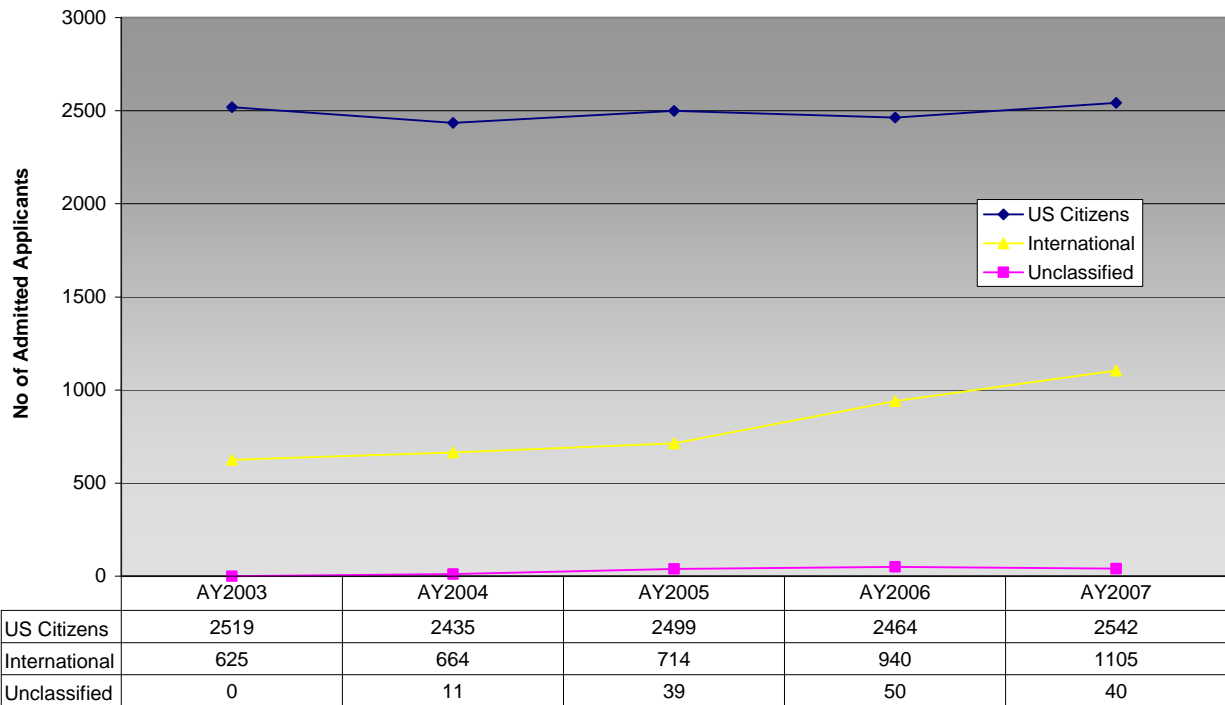
New Enrollments by Gender Academic Years 2003-2007



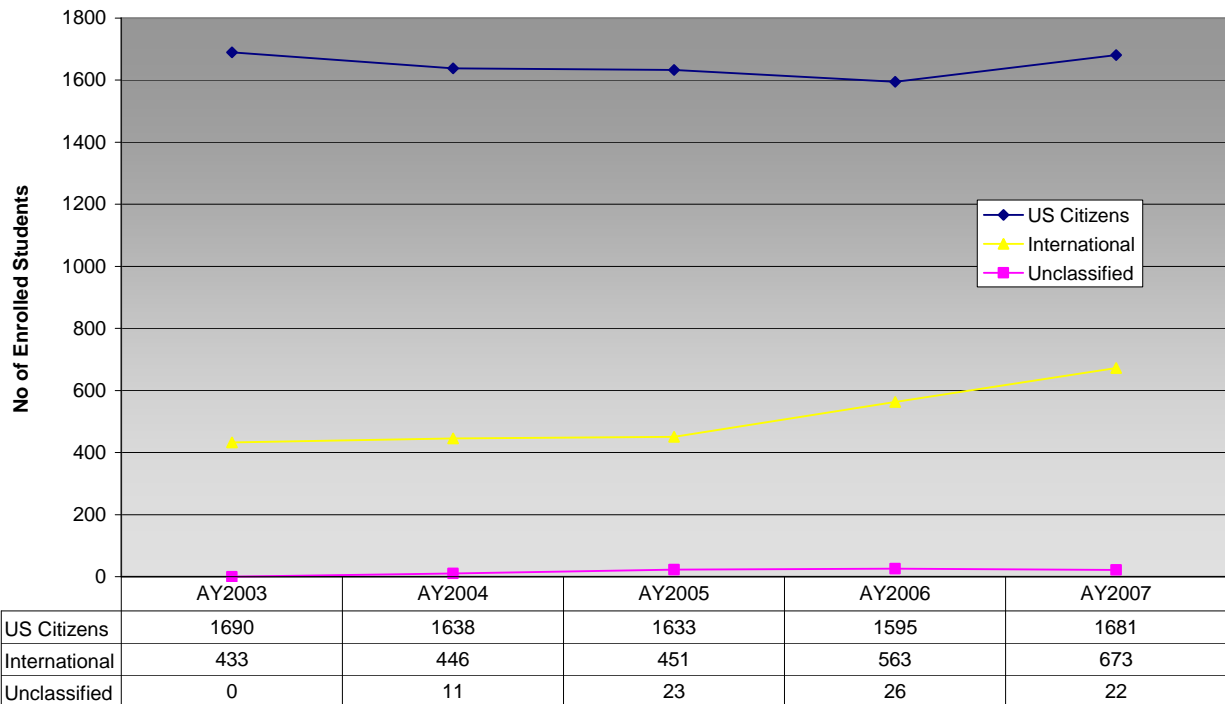
Applications by Citizenship Academic Years 2003-2007



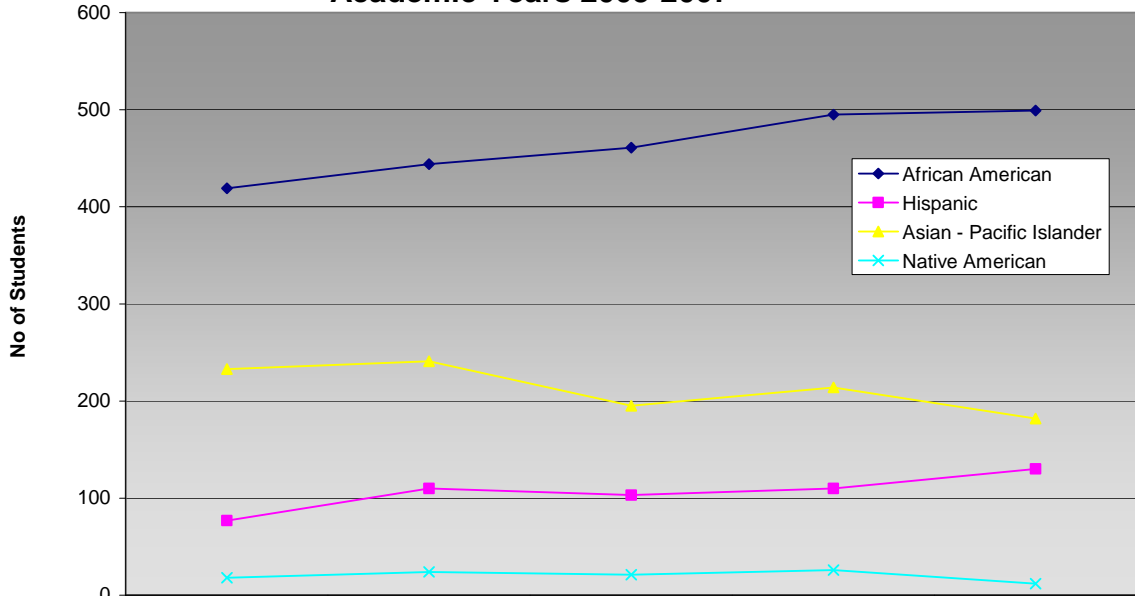
Admitted Applicants by Citizenship Academic Years 2003-2007



New Enrollments by Citizenship Academic Years 2003-2007

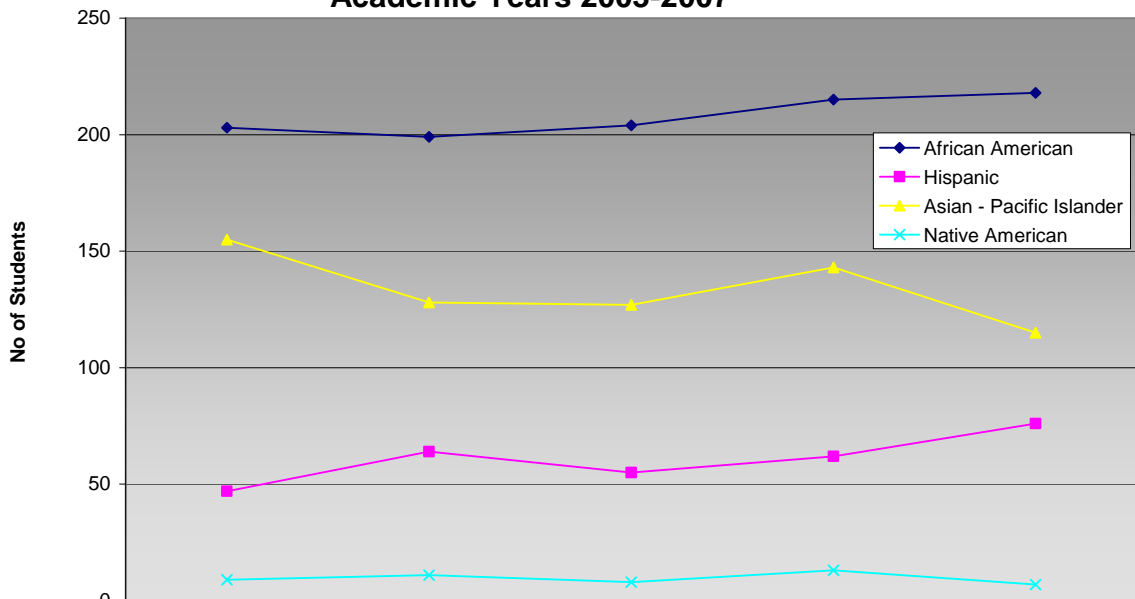


Applications by U.S. Minorities Academic Years 2003-2007



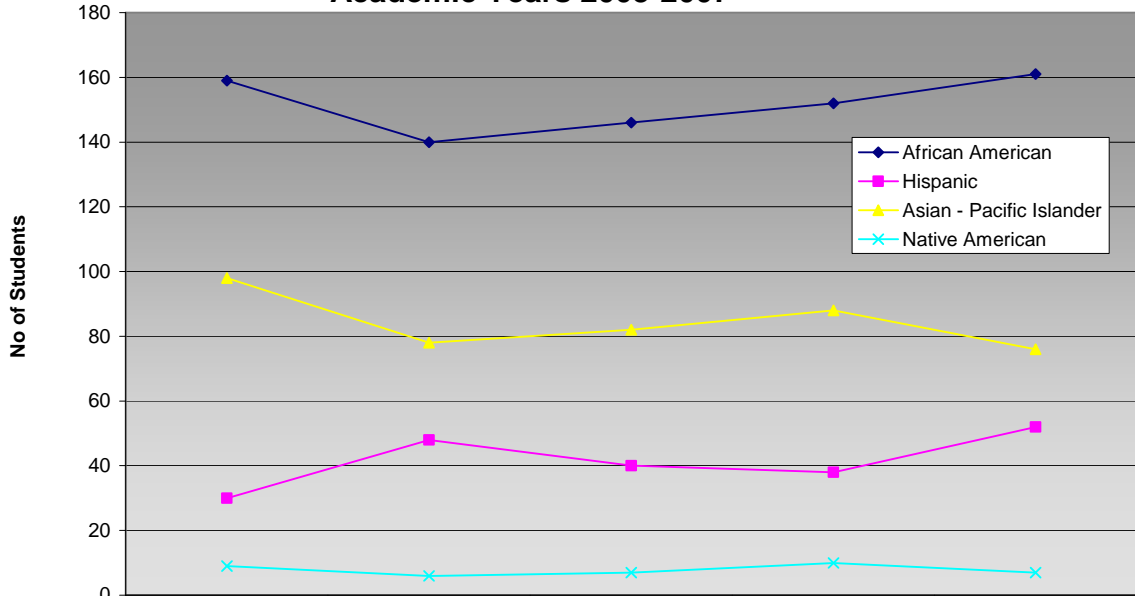
	AY2003	AY2004	AY2005	AY2006	AY2007
African American	419	444	461	495	499
Hispanic	77	110	103	110	130
Asian - Pacific Islander	233	241	195	214	182
Native American	18	24	21	26	12

Admitted Applicants by U.S. Minorities Academic Years 2003-2007



	AY2003	AY2004	AY2005	AY2006	AY2007
African American	203	199	204	215	218
Hispanic	47	64	55	62	76
Asian - Pacific Islander	155	128	127	143	115
Native American	9	11	8	13	7

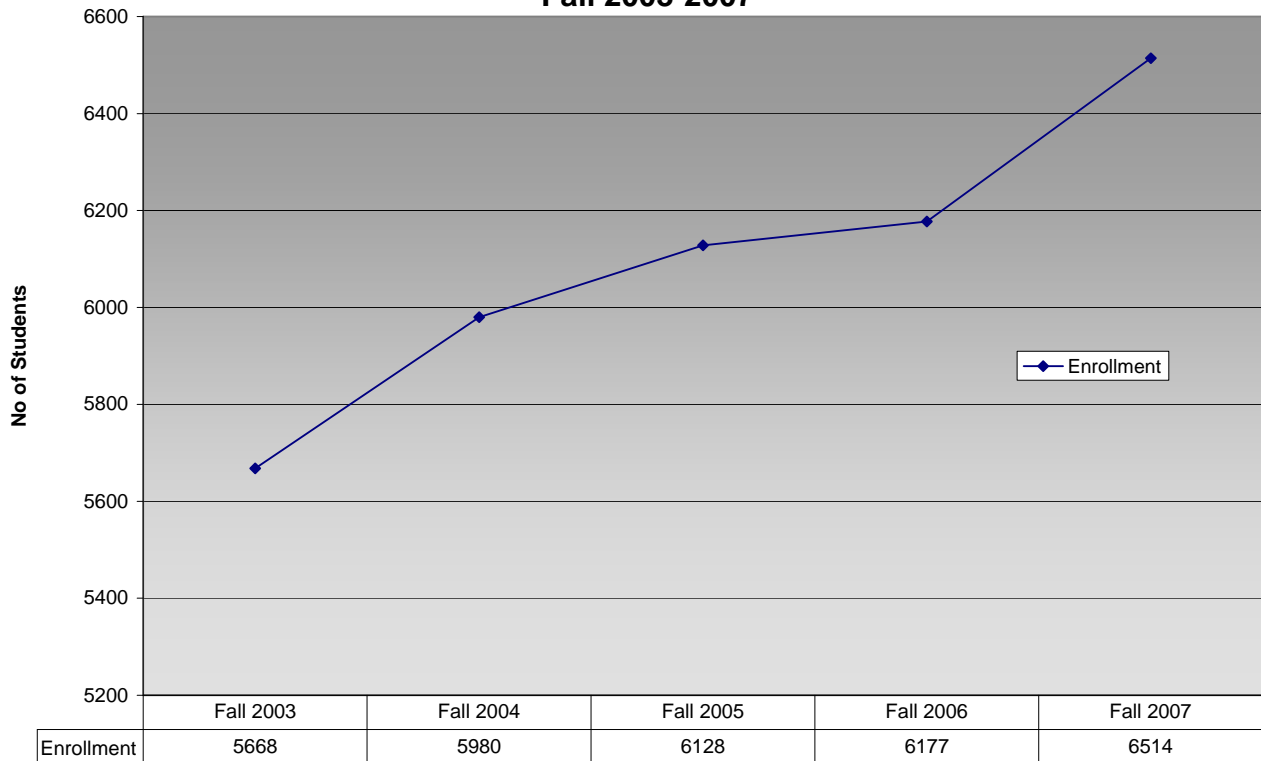
New Enrollments by U.S. Minorities Academic Years 2003-2007



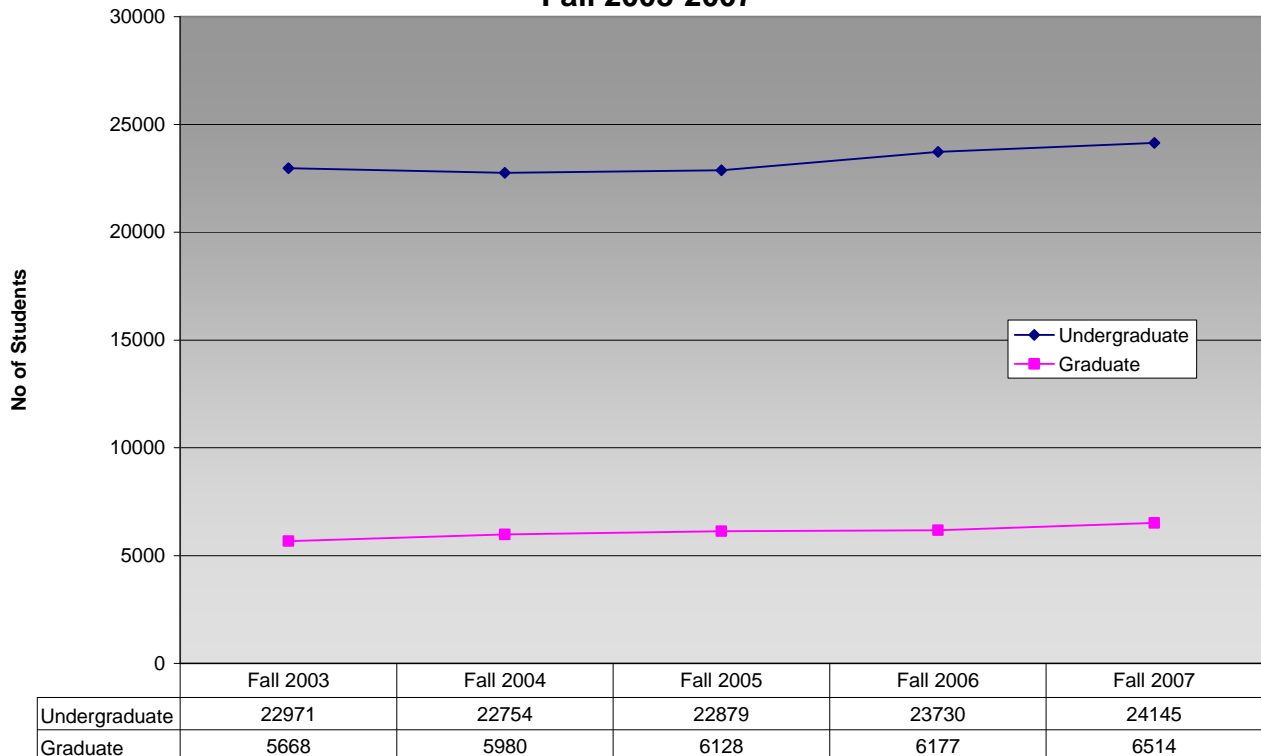
	AY2003	AY2004	AY2005	AY2006	AY2007
African American	159	140	146	152	161
Hispanic	30	48	40	38	52
Asian - Pacific Islander	98	78	82	88	76
Native American	9	6	7	10	7

Enrollment Demographics

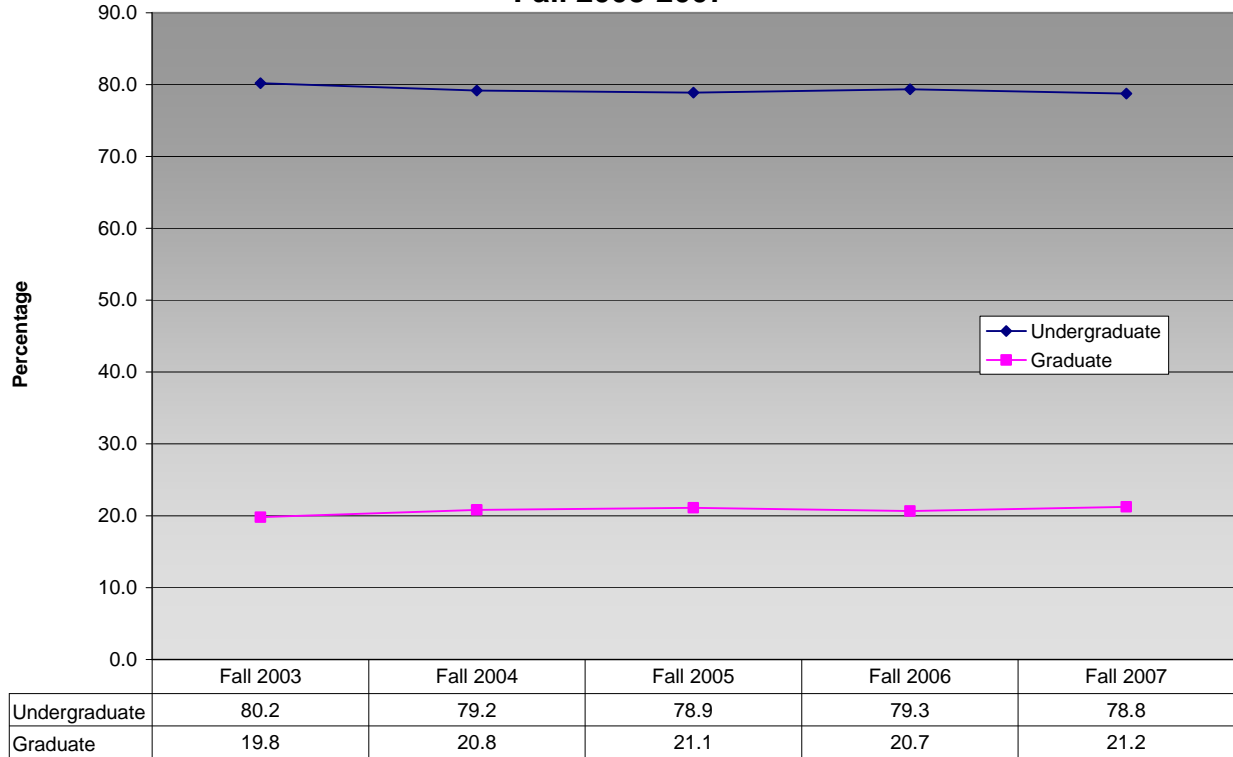
Overall Enrollment Fall 2003-2007



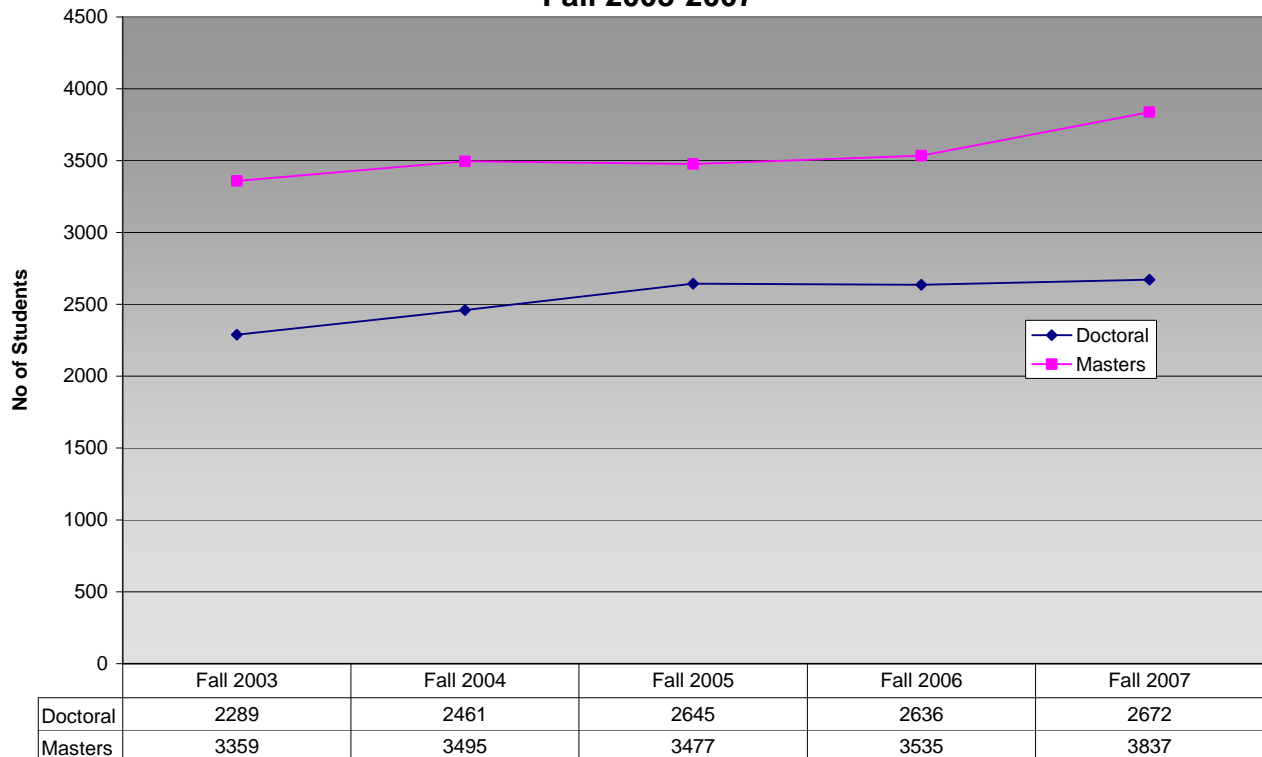
Undergraduate and Graduate Enrollment Fall 2003-2007



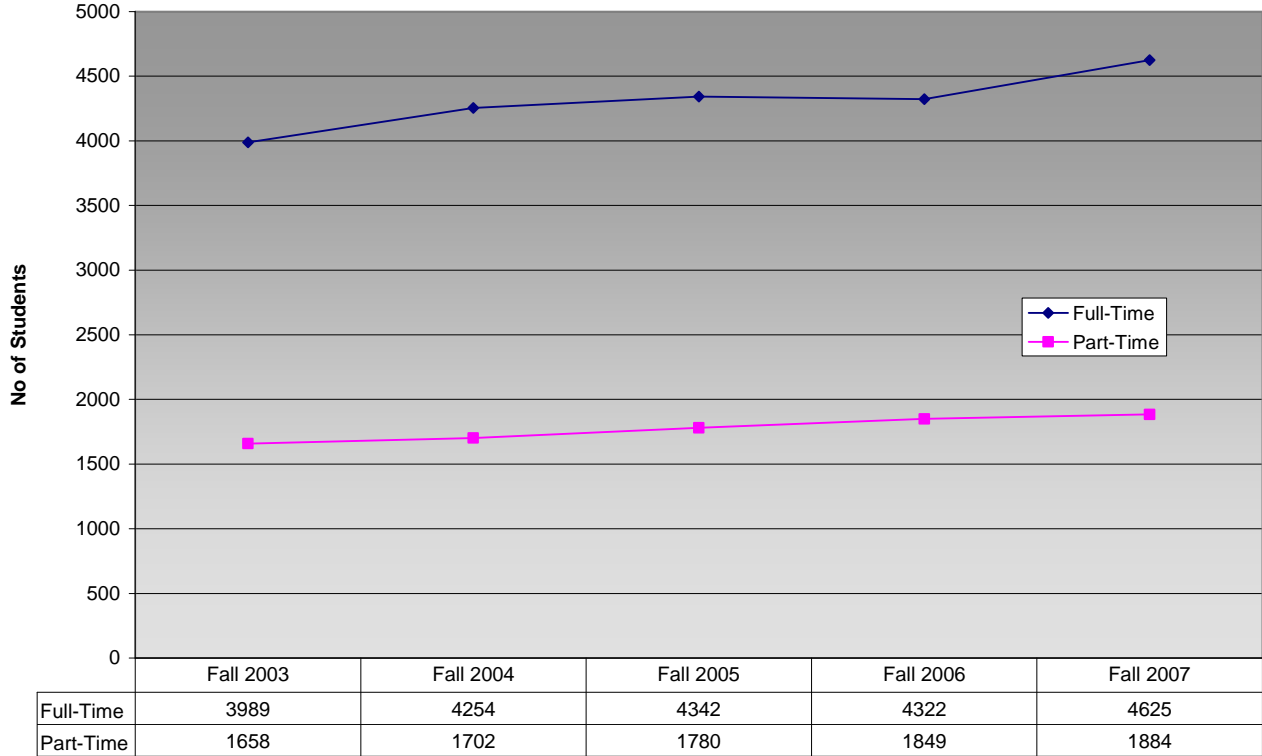
Percentage of Undergraduate and Graduate Enrollment Fall 2003-2007



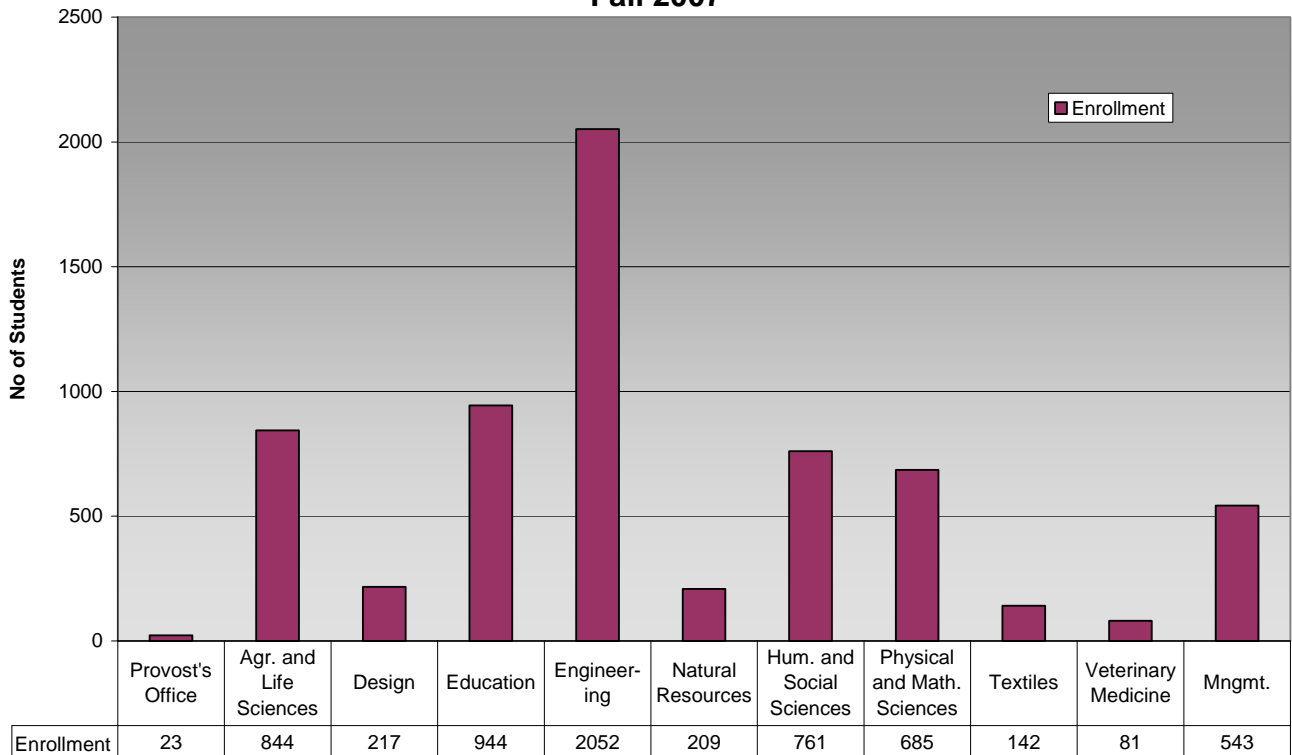
Enrollment by Degree Fall 2003-2007



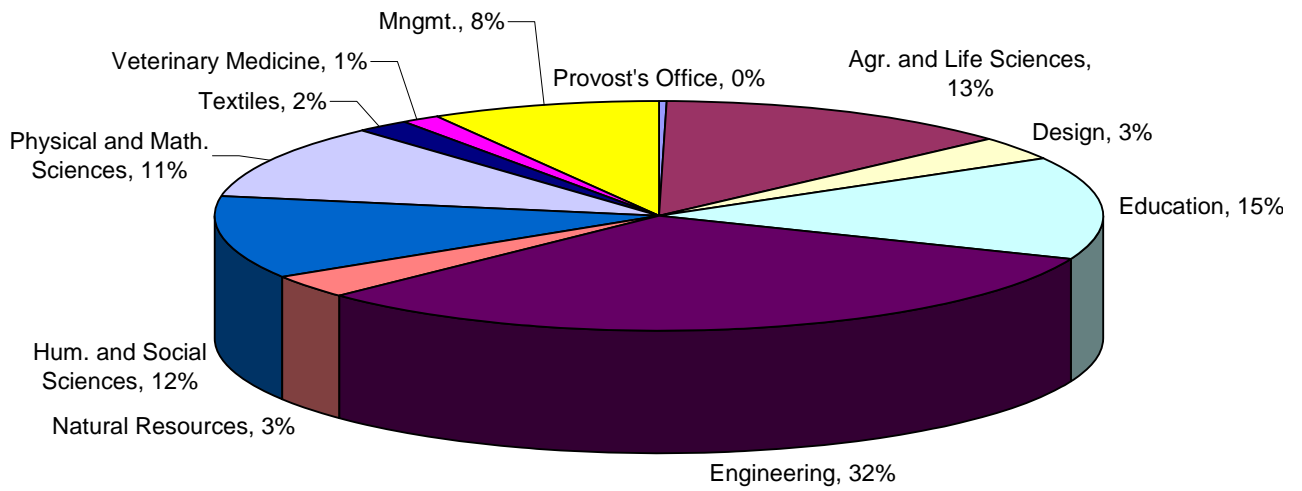
Enrollment for Full-Time and Part-Time Students Fall 2003-2007



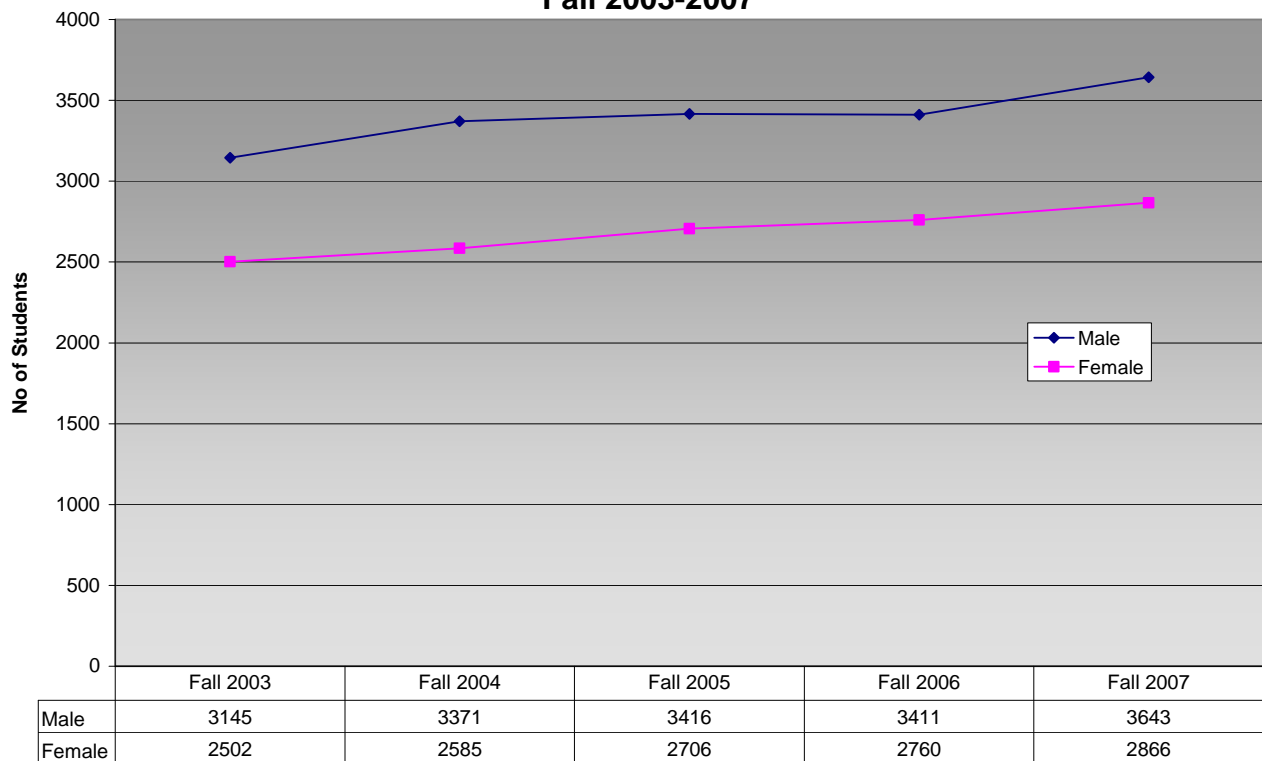
Enrollment by College Fall 2007



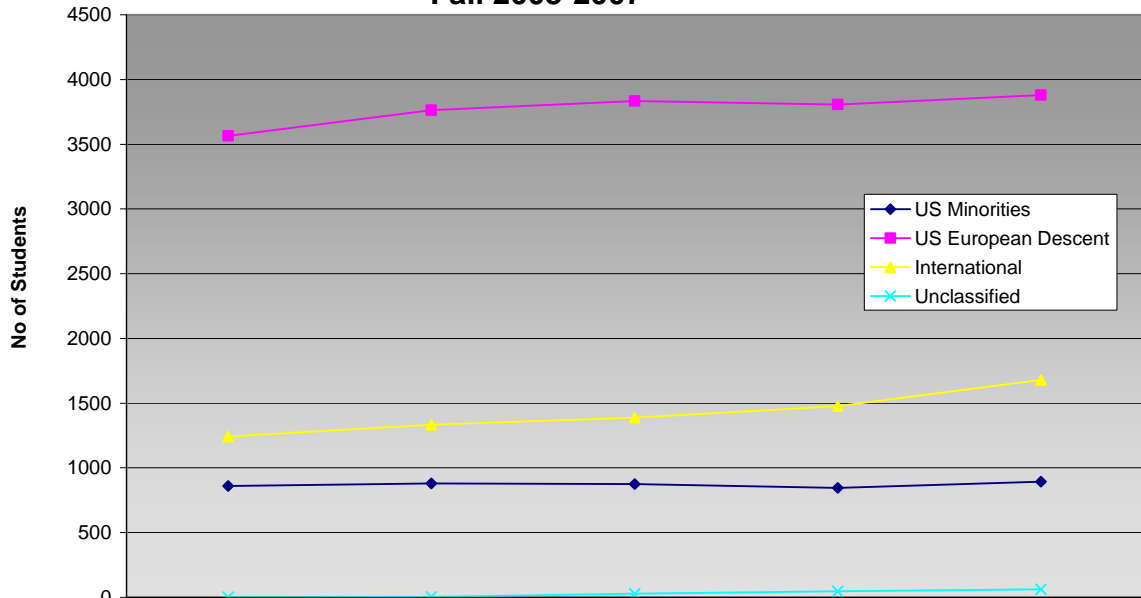
Percentage of Enrollment by College Fall 2007



Enrollment by Gender Fall 2003-2007

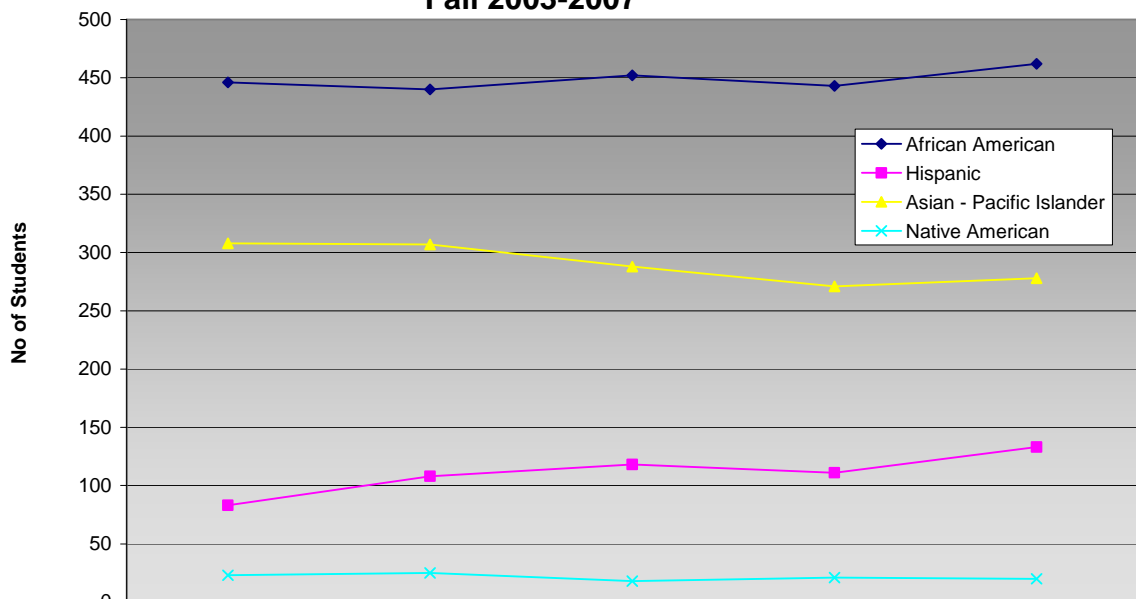


Enrollment by Ethnicity and Citizenship Fall 2003-2007



	Fall 2003	Fall 2004	Fall 2005	Fall 2006	Fall 2007
US Minorities	860	880	876	846	893
US European Descent	3564	3763	3834	3806	3880
International	1243	1333	1388	1478	1679
Unclassified	1	4	30	47	62

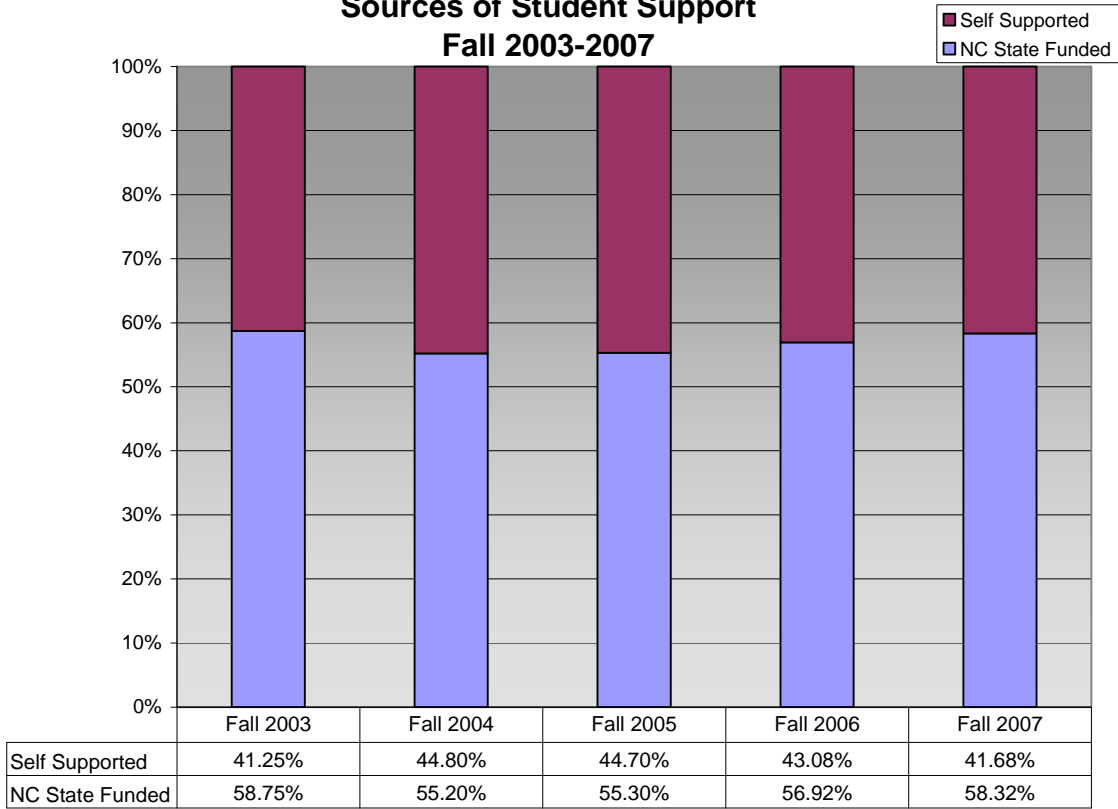
Enrollment by U.S. Minorities Fall 2003-2007



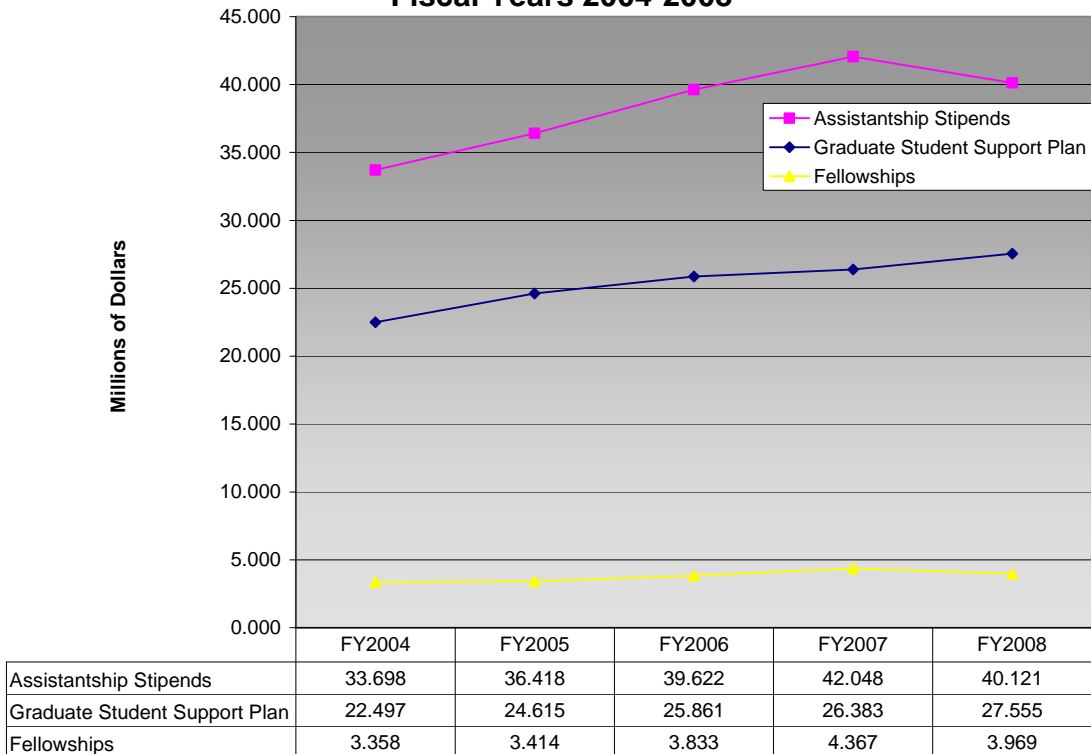
	Fall 2003	Fall 2004	Fall 2005	Fall 2006	Fall 2007
African American	446	440	452	443	462
Hispanic	83	108	118	111	133
Asian - Pacific Islander	308	307	288	271	278
Native American	23	25	18	21	20

Student Support

Sources of Student Support Fall 2003-2007



Types of Funding through NC State Fiscal Years 2004-2008



**Overall Amount of Funding through NC State
Fiscal Years 2004-2008**

