

ANNUAL REPORT TO THE FACULTY SENATE

FROM

THE SCHOOL OF GRADUATE STUDIES

1998-99

SEPTEMBER 13, 1999

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Utah State University's School of Graduate Studies was established in 1945. The 43 of the 44 departments at USU that offer or participate in graduate degrees or specializations, including the 6 interdepartmental degree programs, comprise the School of Graduate Studies. Master's degrees have been offered at Utah State University since 1914 and doctoral degrees since 1950. Overall, USU offers 89 master's degrees, 37 doctoral degrees, and 5 "other" degrees (Civil Engineer, Electrical Engineer, 3 Educational Specialist degrees).

The dean of the School of Graduate Studies is responsible for providing leadership in the formulation of policies and regulations for graduate studies and cooperates with the college deans and department heads to promote the quality of graduate education at Utah State University. In addition, the dean and the Graduate School Office staff provide a number of services to departments and students. They process applications for admission and review admissions decisions; monitor supervisory committee assignments, programs of study, and applications for candidacy; review and approve theses and dissertations; and track student progress and verify degree completion. A School of Graduate Studies newsletter, the *Graduate Gazette*, is used to inform and remind faculty of graduate studies issues, policies,

regulations, and timelines. The School of Graduate Studies Office also provides support and advice for the Graduate Student Senate, which represents graduate students in university governance and works to inform graduate students on pertinent issues, policies, regulations, and timelines.

The School of Graduate Studies Office engages in other activities. In cooperation with the Graduate Student Senate, an orientation is conducted for incoming graduate students each fall. The School of Graduate Studies also cooperates with the University Library staff who provide a library orientation for new graduate students each fall. Two workshops required for teaching assistants are sponsored by the School of Graduate Studies. The Intensive English Language Institute presents a workshop for international students. Funding to provide classroom follow-up for international teaching assistants as a regular component of that workshop has been approved by the Provost. The other workshop, organized by the Department of Instructional Technology, is for graduate students who are native speakers of English. Both workshops are offered twice each year--prior to and then during the fall term. The School of Graduate Studies Thesis Coordinator offers thesis/dissertation preparation workshops throughout the academic year. Since June 1993, the School of Graduate Studies has organized a hooding ceremony for graduate students on the day prior to commencement.

James P. Shaver was appointed Dean of the School of Graduate Studies as of July 1, 1993, after serving as acting dean from September 1, 1990 through August 31, 1991 and from March 1992 through June 1993. Dean Shaver retired as of July 1, 1999, and Noelle E. Cockett, Professor of Animal Science, was appointed interim

dean for 1999-2000 while a national search for a graduate dean is conducted. The School of Graduate Studies Office includes two professional staff (an Admissions Officer and an Assistant to the Dean/Thesis Coordinator), 7.755 FTE classified staff, one part-time payroll employee, and two to three part-time student employees.

Graduate Council

The Graduate Council reviews and approves policies and regulations for graduate studies at USU and advises the dean on their application. The Graduate Council consists of a representative from each of the eight colleges (nominated to the Faculty Senate by the faculty of the college for a 4-year term), a faculty representative appointed by the Faculty Senate for a 2-year term, two graduate student representatives (the President and Vice President of the Graduate Student Senate), the University Librarian (Director, Library Services) as an ex officio member, and the Graduate Dean as an ex officio member and chair. Listed below are the Graduate Council members who served in 1998-99.

<u>Representative</u>	<u>Representing</u>	<u>Term Expires</u>
Thomas D. Bunch	Agriculture	2002
Kenneth R. Bartkus	Business	2001
Sarah Rule	Education	1999
Ronald C. Sims	Engineering	2001
Randall M. Jones	Family Life	2000
Gary H. Kiger	HASS	2003
Eugene W. Schupp	Natural Resources	2002
Stephan J. Allan	Science	2000

Richard S. Krannich	Faculty Senate	2000
Max P. Peterson	Library	Ex Officio
James P. Shaver	Graduate School	Ex Officio
John Curry	Graduate Student Senate President	1999
Brenda Younkin	Graduate Student Senate Vice-President	1999

Major Graduate Council Actions: 1998-99

♦Natural Resource and Environmental Policy Certificate, MS Plan B and Plan C Students

A proposal that MS Plan B and Plan C students, in addition to MS Plan A and doctoral students, be eligible for admission to the Natural Resource and Environmental Policy Certificate program, if their degree includes the preparation and defense of a natural resource/environmental policy-related research paper or project report, was approved (9/24/98).

♦ASTE MS Plan B, C

A request from the Agricultural Systems Technology and Education Department that the MS in Agricultural Systems Technology Plan B be dropped and a Plan C added, with Plan A continuing, was approved (9/24/98).

♦Language Proficiency, MA in History

A request by the History Department was approved to allow language proficiency for the MA in History to be met through proposals for individual students to the graduate dean, usually based on the student's thesis research needs (11/19/98).

♦Off-campus Minimum Registration

A proposal was approved to allow off-campus extension students to meet the minimum registration requirement by registering for a one- or two-credit course, if that is the only program-relevant course available for the student at the off-campus site that semester, as verified by the student's department head (12/17/98).

♦Ecology Major Title Changes

A change in the titles of the ecology majors for the MS and PhD degrees offered in the Departments of Biology; Forest Resources; Geology; Plants, Soils, and Biometeorology (PSB); and Rangeland Resources, including the consolidation of the PSB Department's MS and PhD degrees in Physical Ecology and Plant Ecology into one MS and one PhD, was approved. The major in each will be Ecology, with no departmental identification (for example, the Biology Ecology major will be Ecology), although the degrees are still offered by the individual departments (12/17/99).

♦Minimum Graduate Assistant Stipend

The minimum amount that a graduate assistant must earn in order to receive an out-of-state tuition waiver was increased to \$250 per month, the equivalent of \$5.77 per hour, effective Fall 1999 (1/21/99).

♦MS and PhD in Fisheries and Wildlife Division; Consolidation of MS and PhD in Aquatic Ecology and Fisheries and Wildlife Ecology

A request by the Fisheries and Wildlife Department to divide the MS and PhD in Fisheries and Wildlife into an MS and PhD in Fisheries Biology and an MS and PhD in Wildlife Biology, with attendant specializations was approved. Also approved was a request to combine the Aquatic Ecology MS and PhD and the Fisheries and Wildlife Ecology MS and PhD degrees into an MS and PhD in Ecology, with specializations (2/18/99).

♦Guidelines for Supervisory Committee Membership

A revision of the Guidelines for Supervisory Committee Membership, including the addition of a statement on availability for committee meetings and circumstances in which telephone conference-call participation would be permitted for an oral defense, was approved (2/18/99).

♦MS in Industrial Mathematics

A proposal from the Department of Mathematics and Statistics to offer a Master of Science in Industrial Mathematics with a Plan B option was approved (2/18/99).

♦MSC and PhD in Computer Science

A proposal from the Computer Science Department to offer a professional, post-MS, Master of Computer Science (MSC) degree and a PhD in Computer Science was approved (2/18/99).

♦Comprehensive Examinations

A revision of the *1998-2000 General Catalog* (p. 41) clarifying the roles of supervisory committees and departments in conducting comprehensive examinations was approved (2/18/99).

♦Instate Tuition Remission

The concept of an instate tuition remission for doctoral graduate assistants was approved (3/25/99).

♦MFMS Degree

A proposal from the Nutrition and Food Sciences Department to offer a Master of Food Microbiology and Safety (MFMS) degree was approved (4/14/99).

♦Low Productivity Degree Review

During the 1998-99 academic year, the Graduate Council continued to follow up on the Fall 1997 recommendation of the Northwest Association of School and Colleges' Reaccreditation Evaluation Committee that graduate degree programs with low

enrollments and/or degrees awarded be reviewed. Fifty-four degree programs, which had either (a) no enrollments or degrees awarded in the last 10 years or (b) an average of one or fewer students enrolled per year and/or one or fewer degrees awarded per year for the last five years, were reviewed. Fourteen degree programs were recommended for discontinuance; 4 will be reviewed again during the 1999-2000 academic year; 20 are to be reviewed specifically for productivity in 5 to 7 years; and evaluation of graduate-degree productivity/viability is to be an explicit element of each 7-year Trustees/Regents departmental review. Summaries, from a report to the Faculty Senate on April 5, 1999, of the outcomes of the Graduate Council's review of low productivity degrees are presented in Tables 1 and 2.

♦EdS in Special Education Continuation

On an appeal from the Department of Special Education and Rehabilitation of a Graduate Council recommendation that the Educational Specialist (EdS) in Special Education be discontinued, continuation of the degree with a review of productivity in five years was approved (2/18/99).

♦Continuation of PSB's MS and PhD in Ecology

On an appeal from the Department of Plants, Soils, and Biometeorology (PSB) of a Graduate Council recommendation that the MS and PhD degrees in Physical Ecology and in Plant Ecology be discontinued, continuation of the degrees as an MS and PhD in Ecology (consolidation approved on 12/17/99), with a review of productivity in five years, was approved (4/14/99).

Funding for Graduate Students

The following funds were made available for student support through the Graduate Dean's office in 1998-99:

\$204,000	Presidential Fellowships
132,000	Research V. P. Fellowships
96,000	University Fellowships
8,480	Seely-Hinckley Scholarships
3,200	Martin Luther King Fellowships
<u>1,235,828</u>	Out-of-State Tuition Waivers
\$1,679,508	Total

In addition, 60 semesters of in-state tuition waivers for resident students and 30 for nonresidents were awarded (see Table 3). The \$1,235,828 awarded for out-of-state tuition waivers for 1998-99 was 84.3% of the amount budgeted.

University and Vice President for Research Fellowships continued at \$12,000 and Presidential Fellowships were increased to \$12,000 for the 1998-99 academic year. However, central funding for Presidential Fellowships was reduced by \$25,000, and two fewer fellowships will be available, beginning with the 1999-2000 academic year. Fellowships and in-state tuition waivers are allocated to the colleges by the Dean of the School of Graduate Studies to be awarded according to Graduate School criteria and by procedures established by the colleges, subject to final approval by the graduate dean. In keeping with the recruitment purpose of the fellowships from the School of Graduate Studies, they are to be awarded only to students entering a

graduate degree program, unless there is a prior agreement with the graduate dean for a two-year commitment to recruit an outstanding doctoral student. To be competitive for recruitment, a fellowship may be awarded in conjunction with a .25 or less FTE graduate assistantship, if the assistantship will contribute to the student's degree program.

The Seely-Hinckley Scholarships are awarded by the graduate dean, based on nominations by the college deans, to four outstanding graduate students who might not be able to pursue a graduate degree, or might have to delay doing so, without financial support.

Martin Luther King Fellowships, from an endowment established by Allen and Alice Stokes, support the studies of African-American graduate students.

One student at USU through the African Graduate Fellowships Program (AFGRAD) received financial support (full tuition) from the School of Graduate Studies for the academic year. Two students at USU through the Latin American Scholarship Program of American Universities (LASPAU) also received support for the academic year.

In a memo of May 3, 1999, President George Emert informed USU faculty that he had accepted a proposal to provide instate tuition remission for doctoral graduate assistants, beginning Fall 2000. During Fall 1999, the Graduate Council will take final action on a policy, reviewed in draft form during Spring 1999, for nonresident tuition waivers and the instate tuition remission. Approval forms and procedures will also be developed during Fall 1999. The instate tuition remission proposal did not include

master's-level graduate assistants because of budget constraints; extending the remission to them will be an on-going consideration.

Graduate Student Travel Funds

The Graduate Student Senate (GSS) administers funds from the School of Graduate Studies and from the Vice President for Research for travel costs for graduate students who present papers at professional meetings. Master's students are eligible for one award and doctoral students are eligible for two awards during their degree program. The maximum individual trip award is \$250, except for international trips by doctoral students for which they can combine the two \$250 awards into one \$500 award, if approved by the Graduate Student Senate President. Students are eligible for funding for USU-generated papers presented up to three months after graduation, with appropriate recognition of USU on the paper.

Of the 114 graduate students who applied for travel funds in 1998-99, 105 were approved and 103 traveled, for a total expenditure of \$27,610. There were 60 fewer applications, 59 fewer awards, and \$10,273 less in expenditures than in 1997-98. Although the reasons for the decreased travel are not clear, it may have been a result of the relatively large number of doctoral students who completed their degree programs in 1997-98 (see Table 4) and the decline in doctoral enrollments that continued in 1998-99 (see Table 5).

Student Diversity

International students continue to contribute to the cultural diversity at USU. Table 6 shows the countries from which international applications were received for 1996-97, 1997-98, and 1998-99, as of August 3, 1999. In Fall 1998, 17.28% of matriculated graduate students were from other countries—14.5% at the master's level and 29.5% at the doctoral level (see Table 7). International students received 15.7% of the master's degrees and 35.6% of the doctoral degrees awarded in 1997-98 (see Tables 8 and 9). Table 10 shows international 1998-99 graduate-degree recipients by country of origin.

American ethnic-minority students continue to be a relatively small percentage of USU's matriculated graduate students—3.2%, $N = 67$, in Fall 1998 (see Table 11)—and graduate degree recipients—3.3%, $n = 23$, of master's degrees and 5.6%, $n = 5$, of doctoral degrees in 1997-98 (see Tables 8 and 9).

In 1995, the School of Graduate Studies began a cooperative effort with the Graduate School at the University of Utah to have undergraduate minority students from the University of Utah's Summer Research Opportunity Program (SROP) visit the USU campus. For the last two summers, visit arrangements and hosting have been handled by April Spaulding, Director of Multicultural Affairs in the Academic Support Services Office. Activities at USU include visits to the departments in which the undergraduates might pursue graduate study to meet with the department head and with faculty who share research interests (whenever available, USU minority graduate students escort the visiting undergraduates to departmental meetings); a tour of the campus; lunch with ethnic minority faculty and administrators, the student

escorts, and current ethnic-minority graduate students; a tour of lower Logan Canyon; and Aggie ice cream. In 1995, 17 SROP students visited 6 departments; in 1996, 21 students visited 9 departments; in 1997, 27 students visited 11 departments; in 1998, 16 students visited 5 departments. The numbers for 1999 were not known at the time this report was prepared.

Participation continues in Project 1000, a program to recruit Hispanic graduate students nationwide and African-American and Native American (including American Indian, Alaskan Native, and Native Pacific Islanders), as well as Hispanic graduate students, from a six-state region (Arizona, Nevada, Utah, New Mexico, Colorado, and western Texas) and the U.S. Virgin Islands. For 1997-98, six students applied to the School of Graduate Studies through Project 1000; 2 were accepted by departments, and one enrolled at USU (in a PhD program in Psychology). For 1998-99, there were 4 Project 1000 applicants; one was accepted, but chose to pursue her doctorate in psychology elsewhere.

Gender participation in graduate education has changed since 1988-89, with more women receiving graduate degrees in 1997-98 (Tables 8 and 9). The number of women receiving master's degrees has increased from 210 (35.5% of master's degrees) to 332 (47.1% of master's), a 53.8% increase. For doctoral degrees, the increase was from 17 (22.7% of doctorates awarded in 1988-89) to 27 (30.0% of doctorates), a 58.8% increase. The number of total graduate degrees awarded to women increased from 227 (34.1%) to 359 (42.7%), a 58.1% increase.

Applications

Applications for graduate study at USU during 1998-99 totaled 2,360 (see Table 12; Table 13 contains quarterly information by college), a decrease of 8.7% from the 2,508 applications for admission to graduate studies in 1997-98 (which was a 16.2% decrease from 1996-97), and 5.2% above the 2,243 applications for 1988-89, 11 years ago. As of July 26, 1999, however, 2398 applications had been received for 1999-2000, 21.3% more than the 1,886 applications that had been received on August 3, 1998 and 1.6% above the total number for 1998-99, with applications for spring 2000 still arriving. Hopefully, graduate student enrollment data for the upcoming year will reflect the increase in applications.

The total number of graduate students accepted by departments for 1998-99 was 1,124, 47.6% of the applicants. The percentage of acceptances was down from 51.6% for 1997-98.

A computerized admissions system (CAS) was implemented in 1992-93. CAS has been reprogrammed on the recently installed SCT (Systems and Computer Technology) SIS+ (Student Information System Plus). Data-entry responsibility for matriculated graduate students will shift to the School of Graduate Studies as of Fall 1999. This will reduce data entry errors due to double entry (on CAS and SIS+) and reduce time spent by Admissions Office staff entering the Census Sheets for graduate students on SIS+, as well as center graduate student data responsibility in the School of Graduate Studies.

Enrollments

Since Fall 1993, the Office of Planning and Analysis has reported enrollment data for all USU students, including self-supported students (for whom instructional costs come from funding sources such as a school district or company, rather than from the E&G budget) and students at the Uintah and Southeast line-item centers. The total matriculated graduate-student enrollment for Fall 1998 was 2,085, 10.8% of all USU students and a 17.2% decrease from Fall 1997 (see Table 14). The total of matriculated graduate students plus postbaccalaureate, nonmatriculated students was 2,815, 14.6% of the USU studentbody, and a 25.2% decrease from Fall 1997. To what extent the decreases in graduate enrollments were due to the switch to the semester calendar is not known, but enrollment data for Fall 1999 will be of major interest.

From Fall 1997 to Fall 1998, there was a decrease of 404 master's students (-19.17%). There were 28 fewer doctoral students in Fall 1998, a 7.1% decrease (Table 5), following a decrease of 39 doctoral students (-7.8%) in Fall 1996 and a decrease of 62 (-13.5%) in Fall 1997. The lower number of doctoral students is largely due to a decline in international students at that level, a trend that started in Fall 1995 (see Table 7). Lower enrollments of international students at the master's level were, until Fall 1997, offset by increased Utah resident enrollments. The decline in doctoral-level graduate students since 1995 is especially a concern for USU as a research university, making the potential recruitment effects of the recently approved in-state tuition remission for doctoral graduate students of special significance.

Degrees Awarded

In 1998-99, 858 graduate degrees—779 master's degrees, 1 Civil Engineer degree, and 78 doctorates—were awarded (see Table 4). The total number of graduate degrees was 7.6% higher than the 797 awarded in 1997-98 and 11.7% higher than the 768 awarded in 1995-96. The number of master's' degrees was 10.2% higher than the 707 awarded in 1997-98, and 10.1% more than the 700 awarded in 1994-95. The number of doctoral degrees was down 13.3% from the 90 awarded in 1997-98, an exceptional year, and up 21.9% from the 64 doctorates awarded in 1994-95. Tables 15 and 16 list the master's and doctoral degrees awarded by department or interdepartmental program for the last 10 years.

Computerized Student Tracking System

Development of the computerized degree tracking system (CTS) for graduate students did not progress well again during 1998-99, due to lack of computer programmer time. If completed, the CTS will provide departments with better and more easily accessed information on individual student progress, keep students better informed of their program status, expedite the review and monitoring of students' programs in the graduate dean's office, and provide better data on such matters as time-to-completion. After prior delays, the CTS was to be implemented with the conversion to semesters. Now, implementation is not likely before Fall 2000.

Graduate Mentor Award

During the 1994-95 academic year, the University Outstanding Graduate Mentor Award was initiated to recognize the outstanding mentoring of graduate students by USU faculty. The 1998 awardee was Dr. Frederick D. Provenza, Professor of Rangeland Resources. (Mentor Award recipients are listed in Table 17.) Each awardee is invited to prepare an essay on his or her mentoring philosophy and experience. The awardee's essays are distributed campus-wide to encourage thought and dialogue about the crucial role of faculty mentors in graduate education.

TABLE 1

LOW PRODUCTIVITY GRADUATE DEGREE REVIEW:
GRADUATE COUNCIL RECOMMENDATIONS TO THE PROVOST

Degrees with No Enrollees or Degrees Granted in 10 Years (n = 6)

1. Four degrees, continue consolidated as two degrees with Graduate Council review in 5 years
2. Two degrees, **discontinue***

Degrees with 5-Year Mean Enrollments or Degrees < 1 (n = 48)

1. Reconceptualization to the Graduate Council within 1 year (n = 4)
2. Reorganized/Continue as one degree (n = 2)
3. Department Recommendation/**Discontinue** (n = 11)*
4. Program Building/Continue, Review in 5-7 Years (n = 19)
5. Companion Degree(s), Recruitment/Continue, Regular Regents Review (n = 11)
6. Department Ambivalent/**Discontinue** (n = 1)*

Summary

Degrees reviewed—54

Degrees recommended for discontinuance—14

Degrees consolidated—6 into 3

Degrees continuing—36

*Approved by the Faculty Senate on April 5, 1999.

TABLE 2

LOW PRODUCTIVITY DEGREES: GRADUATE COUNCIL RECOMMENDATIONS

Reconceptualization to Grad. Council within 1 year	Reorganized/Continue F&W/PhD Aquatic Ecol.	Program Building/Continue, Review in 5-7 years	Companion Degree(s), Recruitment/Continue	Discontinue
CEE/CE	F&W/PhD Aquatic Ecol.	ADVS/MS Biovet. Sci.	Comm./MA	ADVS/MA Anim. Sci.
ECE/EE	F&W/PhD F&W Ecol. as F&W/Ecol.	ADVS/MS Dairy Sci.	Com. D./MA	ADVS/MA Biovet. Sci.
IDP/EdD		Art/MA	El. Ed./MA	ADVS/MA Dairy Sci.
LAEP/MS Town Plan.		CEE/ME	Forest Res./MS Ecol.	ASTE/MA
		For. Res./PhD Forestry	For. Res./PhD For. Ecol.	Econ./MA Ag. Econ.
		For. Res./PhD Rec. Mgmt. Geography/MA	Math/MMath	ECE/MES Elec. Eng.
			Range. Res./MS Ecol.	F&W/PhD (degree split)
		Mech. Eng./ME	Range. Res./PhD Ecol.	Forest Res./MF Forest Mgmt.
		Mech. Eng./PhD	Sociology/MA	Forest Res./MF Forestry
		PSB/MS Biomet.	Com. D./EdS	Geology/MS
		PSB/PhD Biomet.	Biol./PhD Ecol.	Geology Ecology NFS/MA

Reconceptualization to Grad. Council within <u>1 year</u>	Reorganized/ <u>Continue</u>	Program Building/ Continue, Review in <u>5-7 years</u>	Companion Degree(s), Recruitment/ <u>Continue</u>	<u>Discontinue</u>
		PSB/MS Ecology PSB/PhD Ecology		PSB/MA Biomet. PSB/MA Plant Sci.
		PSB/PhD Plant Sci. PSB/PhD Soil Sci. Sec. Ed./MA Sec. Ed./MS		PSB/MA Soil Sci. Psychology/MA
		Spec. Ed./Eds		
		Theatre Art/MA		
		Water. Sci./PhD		

TABLE 3

Scholarship In-State Tuition Waivers
1998-99

<u>College</u>	<u>Resident Semesters</u>	<u>Nonresident Semesters</u>
Agriculture	6	1
Business	8	1
Education	10	4
Engineering	6	4
Family Life	6	2
HASS	10	4
Natural Resources	4	4
Science	<u>10</u>	<u>10</u>
	60	30

TABLE 4

GRADUATE DEGREES AWARDED, 1994-1999

Degree	1994- 1995	1995- 1996	1996- 1997	1997- 1998	1998- 1999
MAcc	33	33	52	45	13
MA	38	29	22	27	25
MBA	65	71	81	60	140
MCEDO	0	0	0	0	0
MEd	119	99	98	118	161
ME	17	25	17	10	7
MES	0	0	0	0	0
MFA	7	8	10	6	17
MF	0	0	0	0	0
MIE	0	0	0	0	0
MLA	6	5	8	4	9
MMath	0	0	0	1	1
MS	396	376	416	413	371
MSS	19	38	29	23	35
TOTALS	700	684	733	707	779
CE	0	0	0	0	1
EE	1	0	0	0	0
EdS	3	4	5	0	0
TOTALS	4	4	5	0	1
EdD	0	0	1	1	2
PhD	64	77	73	89	76
TOTALS	64	77	74	90	78
GRAND TOTALS	768	765	812	797	858

TABLE 5

USU FALL QUARTER MATRICULATED
GRADUATE STUDENT ENROLLMENT, BY LEVEL, 1992-98

<u>Year</u>	<u>Master's</u>			<u>Doctorate</u>			<u>Total</u>	
	<u>N</u>	<u>Change</u>		<u>N</u>	<u>Change</u>		<u>N</u>	<u>%</u> <u>Change</u>
		<u>N</u>	<u>%</u>		<u>N</u>	<u>%</u>		
1992	1,567			472			2,039	
1993	1,717	150	9.6	477	5	1.1	2,194	7.6
1994	1,771	54	3.1	490	13	2.7	2,261	3.1
1995	1,791	20	1.1	498	8	1.6	2,289	1.2
1996	1,862	71	4.0	459	-39	-7.8	2,321	1.4
1997	2,120	258	13.9	397	-62	-13.5	2,517	8.4
1998	1,716	-404	-19.1	369	-28	-7.1	2,085	-17.2
Change 1992- 1998		149	9.5		-103	-21.8	46	2.2

TABLE 6

INTERNATIONAL APPLICATIONS TO GRADUATE SCHOOL

<u>Country</u>	<u>1996-97</u>	<u>1997-98</u>	<u>1998-99</u>	<u>1999-00*</u>
Afghanistan	0	1	1	0
Argentina	4	2	4	1
Armenia	0	0	2	0
Austria	0	0	0	2
Australia	1	0	0	0
Bahrain	0	0	0	1
Bangladesh	8	3	6	3
Belgium	0	2	0	0
Belize	0	0	1	0
Benin	0	0	1	0
Bhutan	0	0	0	1
Bolivia	3	0	0	0
Botswana	4	0	0	0
Brazil	1	3	2	1
Bulgaria	1	0	0	0
Cameroon	0	0	1	0
Canada	6	13	7	9
Chad	0	0	1	0
Chile	0	1	2	0
China (People's Republic)	297	274	402	383
Colombia	1	2	3	3
Croatia	1	0	1	1
Cyprus	1	1	0	1
Denmark	0	0	1	0
Dominican Republic	0	0	1	0
Ecuador	0	0	2	1
Egypt	3	7	4	4
Ethiopia	0	3	2	3
Finland	0	0	0	1
France	0	1	2	2
Germany	3	3	1	4
Georgia	1	0	1	0
Ghana	0	2	1	0
Greece	1	1	1	1
Guatemala	1	1	0	0
Guyana	0	0	1	0
Haiti	1	0	0	0
Honduras	1	0	1	0
Hong Kong	6	0	2	1
Iceland	0	0	1	0
India	237	227	313	431

TABLE 6, Continued

Indonesia	7	9	4	2
Iran	6	0	2	1
Iraq	0	0	1	2
Ireland	0	1	0	0
Israel	2	0	1	2
Italy	1	1	0	1
Ivory Coast	1	0	0	0
Jamaica	0	1	0	0
Japan	11	8	11	16
Jordan	3	2	6	8
Kazakhstan	0	0	1	1
Kenya	1	5	2	2
Kampuchea	0	0	1	0
Korea (Republic)	72	53	47	55
Kuwait	1	4	2	3
Lebanon	3	1	0	6
Lesotho	0	0	1	0
Lithuania	0	1	1	1
Macau	1	0	0	0
Madagascar	0	1	0	0
Malaysia	7	8	7	11
Mauritius	0	0	1	0
Mali	1	0	1	0
Mexico	4	5	3	2
Mongolia	0	1	0	0
Morocco	2	1	0	1
Nepal	1	1	4	7
Netherlands Antilles	1	0	0	1
Netherlands	1	0	1	0
New Zealand	0	1	0	1
Nigeria	2	3	2	1
Northern Mariana	0	0	1	0
Norway	0	1	0	1
Oman	4	0	4	3
Pakistan	2	3	6	4
Panama	0	0	0	1
Peru	0	1	0	0
Philippines	0	1	1	0
Poland	0	3	4	4
Portugal	1	0	1	0
Romania	1	3	2	0
Russia	2	2	1	2
Rwanda	0	0	0	1
Saudi Arabia	9	12	5	3
Senegal	0	0	1	0
Singapore	2	0	1	6

TABLE 6, Continued

Somalia	0	0	0	1
South Africa	0	1	1	0
Spain	0	0	1	0
Sri Lanka	1	0	2	2
St. Vincent & the Grenadines	0	0	1	0
Sudan	2	1	0	0
Swaziland	0	0	0	1
Sweden	0	2	0	0
Syria	2	0	0	0
Taiwan	161	71	52	69
Tanzania	0	1	0	0
Thailand	20	57	37	26
Togo	0	0	1	0
Trinidad	0	1	0	0
Tunisia	0	1	0	0
Turkey	9	6	5	1
Uganda	4	3	1	1
Ukraine	0	0	1	0
United Arab Emirates	0	0	1	1
United Kingdom	3	3	2	1
Uruguay	0	0	1	0
Venezuela	0	0	2	2
Vietnam	1	0	0	1
Yemen Arab Republic	0	1	1	0
Yemen, P.D.R.	0	0	0	1
Yugoslavia	1	1	1	1
Zaire	0	0	0	1
Zimbabwe	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>
TOTAL	935	829	1,005	1,112

*As of August 3, 1999

Source: School of Graduate Studies records.

TABLE 7

USU FALL QUARTER INTERNATIONAL/NONRESIDENT*
MATRICULATED GRADUATE STUDENT ENROLLMENTS, BY LEVEL, 1993-98

Year	Master's									
	Total		International		Change		Nonresident*		Change-	
	N	N	%	N	%	N	%	N	%	
1993	1,717	359	20.9			482	28.1			
1994	1,771	323	18.2	-36	-10.0	475	26.8	-7	-1.5	
1995	1,791	289	16.1	-34	-10.5	491	27.4	16	3.4	
1996	1,862	261	14.0	-28	-9.7	428	23.0	-63	-12.8	
1997	2,120	277	13.1	16	6.1	399	18.8	-29	-6.8	
1998	1,716	249	14.5	-28	-10.1	377	22.0	-22	-5.5	
1993-1998	-1			-110	-30.6	-105	-21.8	-105	-21.8	

Year	Doctoral									
	Total		International		Change		Nonresident*		Change-	
	N	N	%	N	%	N	%	N	%	
1993	477	173	36.3			251	52.6			
1994	490	188	38.4	15	8.7	258	52.7	7	2.8	
1995	498	178	35.7	-10	-5.3	259	52.0	1	.4	
1996	459	144	31.4	-34	-19.1	223	48.6	-36	-13.9	
1997	397	120	30.2	-24	-16.7	193	48.6	-30	-13.5	
1998	369	109	29.5	-11	-9.2	172	46.6	-21	-10.9	
1993-1998	-108			-64	-37.0			-79	-31.5	

Year	Total									
	Total		International		Change		Nonresident*		Change-	
	N	N	%	N	%	N	%	N	%	
1993	2,194	532	24.2			733	33.4			
1994	2,261	511	22.6	-21	-3.9	733	32.4	0	0	
1995	2,289	467	20.4	-44	-8.6	750	32.8	17	2.3	
1996	2,321	405	17.4	-62	-13.3	651	28.0	-99	-13.2	
1997	2,517	397	15.8	-8	2.0	592	23.5	-59	-9.1	
1998	2,085	358	17.2	-39	-7.3	549	26.3	-43	-7.3	
1993-1998	-109			-174	-32.7			-184	25.1	

*Includes international students.

TABLE 8

Master's Degrees, * 1989-1998, by
Gender, Ethnicity, Residence

Year	Male		Female		Minority		Resident		Nonresident		International		Total
	N	%	N	%	N	%	N	%	N	%	N	%	
1988-89	381	64.5	210	35.5	15	2.5	389	65.8	202	34.2	149	25.2	591
1989-90	369	64.2	206	35.8	20	3.5	372	64.7	203	35.3	150	26.1	575
1990-91	338	63.7	193	36.3	20	3.8	364	68.5	167	31.5	124	23.4	531
1991-92	372	60.8	240	39.2	17	2.8	432	70.6	180	29.4	139	22.7	612
1992-93	392	59.9	262	40.0	16	2.4	483	73.9	171	26.1	124	19.0	654
1993-94	382	58.3	273	41.7	26	4.0	485	74.0	170	26.0	146	22.3	655
1994-95	396	56.3	308	43.7	32	4.5	569	80.8	135	19.2	100	14.2	704
1995-96	393	57.1	295	43.5	22	3.2	554	80.5	134	19.5	87	12.6	688
1996-97	415	56.2	323	43.8	18	2.4	577	78.2	161	21.8	98	13.3	738
1997-98	373	52.9	332	47.1	23	3.3	524	74.3	181	25.7	1.1	15.7	705

*Educational Specialist (EdS), Civil Engineer (CE), and Electrical Engineer (EE) degrees are included with master's degrees.

Source: 1988-89 to 1992-93, Budget Office reports; 1993-94 and following, Office of Planning and Analysis, *Fact Books*.

TABLE 9

Doctoral Degrees, 1989-1998, by
Gender, Ethnicity, Residence

Year	Male		Female		Minority		Resident		Nonresident		International		Total
	N	%	N	%	N	%	N	%	N	%	N	%	
1988-89	58	77.3	17	22.7	2	2.7	39	52.0	36	48.0	28	37.3	75
1989-90	53	73.6	19	26.4	4	5.6	31	43.1	41	56.9	24	33.3	72
1990-91	48	80.0	12	20.0	-	0.0	26	43.3	34	56.7	18	30.0	60
1991-92	55	82.1	12	17.9	3	4.5	30	44.8	37	55.2	24	35.8	67
1992-93	69	75.8	22	24.2	2	2.2	29	31.9	62	68.1	49	53.8	91
1993-94	45	73.8	16	26.2	2	3.3	30	49.2	31	50.8	26	42.6	61
1994-95	53	82.8	11	17.2	7	10.9	32	50.0	32	50.0	26	40.6	64
1995-96	52	67.5	25	32.5	4	5.2	40	51.9	37	48.1	31	40.3	77
1996-97	50	67.6	24	32.4	4	5.4	37	50.0	37	50.0	30	40.5	74
1997-98	63	70.0	27	30.0	5	5.6	46	51.1	44	48.9	32	35.6	90

Source: 1988-89 to 1992-93, Budget Office reports; 1993-94 and following, Office of Planning and Analysis, *Fact Books*.

TABLE 10

GRADUATE DEGREE RECIPIENTS BY COUNTRY - 1999

Argentina	1
Bangladesh	1
Belgium	1
Canada	9
China	24
Czech Rep	1
Ethiopia	2
Honduras	1
Hong Kong	1
India	19
Indonesia	2
Iran	1
Japan	2
Jordan	1
Korea	10
Lebanon	1
Malawi	1
Malaysia	4
Mexico	2
Mongolia	1
Morocco	1
Norway	2
Oman	1
Pakistan	1
Poland	1
Singapore	2
Sudan	1
Taiwan	26
Thailand	15
Turkey	1
United Kingdom	2
United States of America	722
TOTAL	860

Source: School of Graduate Studies records.

TABLE 11
 Matriculated Ethnic Minority Graduate Student Enrollments
 by Degree Level, Fall Quarter 1993-1998^a

Year	Master's				Doctorate				Total									
	Am Ind	Asian	Black	Hisp	Total	% ^b	Am Ind	Asian	Black	Hisp	Total	% ^b	Am Ind	Asian	Black	Hisp	Total	% ^b
1993	3	30	4	18	55	3.2	5	13	2	11	31	6.5	8	43	6	29	86	3.9
1994	4	26	7	19	56	3.2	7	9	1	11	28	5.7	11	35	8	30	84	3.7
1995	7	25	5	13	50	2.8	5	12	3	8	28	5.6	12	37	8	21	78	3.4
1996	9	27	6	17	59	3.2	5	9	3	8	25	5.4	14	36	9	25	84	3.6
1997	14	24	7	28	73	3.4	7	7	3	8	25	6.3	21	31	10	36	98	3.9
1998	7	19	7	16	49	2.9	6	5	1	6	18	4.9	13	24	8	22	67	3.2

^aData from *USU Fact Books*, 1992-93, p. 162; 1993-94, p. 132; 1994-95, p. 142; 1995-96, p. 153; 1996-97, p. 153; 1997-98, p. 150

^bPercent of all master's, doctoral, matriculated graduate students.

TABLE 12

Graduate Applications for Admission
to Graduate Study
1988-89 to 1998-99

<u>Requested Year of Study</u>	<u>Number</u>
1988-89	2,243
1989-90	(NA, computer failure)
1990-91	2,469
1991-92	2,667
1992-93	3,162
1993-94	2,933
1994-95	3,203
1995-96	2,997
1996-97	3,085
1997-98	2,586
1998-99	2,360

TABLE 13

**APPLICATIONS BY COLLEGE BY QUARTER,
1993-94 through 1997-98**

College	<u>1994-95</u>	<u>1995-96</u>	<u>1996-97</u>	<u>1997-98</u>	<u>1998-99</u>
Agriculture					
Summer	4	7	1	5	4
Fall	61	51	58	44	55
Winter	10	12	8	13	*
Spring	9	8	4	7	14
TOTAL	84	78	71	69	73
Business					
Summer	40	54	47	54	39
Fall	347	385	455	413	325
Winter	57	50	69	59	*
Spring	9	51	37	43	50
TOTAL	490	540	608	569	414
Education					
Summer	78	74	72	59	51
Fall	583	523	666	428	417
Winter	45	55	44	36	*
Spring	43	61	27	39	53
TOTAL	749	713	809	562	521
Engineering					
Summer	26	17	25	40	24
Fall	550	509	505	411	446
Winter	41	41	43	47	*
Spring	38	44	16	29	45
TOTAL	655	611	589	527	515
Family Life					
Summer	24	23	10	6	4
Fall	91	96	120	102	126

TABLE 13, continued

Winter	9	9	9	4	*
Spring	8	11	4	6	15
TOTAL	132	139	143	118	145
Humanities, Arts, and Social Sciences					
Summer	5	12	6	13	7
Fall	199	187	193	185	167
Winter	8	18	14	5	*
Spring	6	5	5	15	31
TOTAL	218	222	218	218	205
Natural Resources					
Summer	12	4	8	11	4
Fall	236	189	210	171	137
Winter	19	25	12	11	*
Spring	17	19	6	15	21
TOTAL	284	237	236	208	162
Science					
Summer	12	10	7	11	10
Fall	541	411	376	268	257
Winter	19	15	20	21	*
Spring	19	21	8	15	58
TOTAL	591	457	411	315	325
Quarter Totals					
Summer	201	201	176	199	143
Fall	2608	2351	2583	2022	1930
Winter	208	225	219	196	*
Spring	186	220	107	169	287
GRAND TOTAL	3203	2997	3085	2586	2360

* No longer a Winter Quarter because quarter system changed to semesters.

TABLE 14

USU FALL QUARTER ENROLLMENTS,^a 1993-1998

Year	Total			Undergraduates			Graduate Students ^b			Matriculated Graduate Students			
	N	Change	%	N	Total	%	N	Total	%	N	Total	%	Change
1993	18,399			14,914	81.1		3,485	18.9		2,194	11.9		
1994	20,371	10.7		16,032	78.7	7.5	4,339	21.3	24.5	2,261	11.1	3.1	
1995	19,861	-2.5		16,197	81.6	1.0	3,664	18.4	-15.6	2,289	11.5	1.2	
1996	20,808	4.8		16,703	80.3	3.1	4,105	19.7	12.0	2,321	11.2	1.4	
1997	21,234	2.0		17,472	82.3	4.6	3,762	17.7	-8.5	2,517	11.9	8.4	
1998	19,322	-9.0		16,507	85.4	-5.5	2,815	14.6	-25.2	2,085	10.8	-17.2	
1993-1998	(923) ^c	5.0		(1,593) ^c	10.7		(670) ^c		-19.2	(-109) ^c		-5.0	

^aTotal students, budget-related and self-supported.

^bMatriculated and postbaccalaureate, nonmatriculated students.

^cChange, 1993-1998.

Source: Office of Planning and Analysis, *USU Fact Books*.

TABLE 15										
MASTER'S DEGREES AWARDED AT UTAH STATE UNIVERSITY										
Department	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
INTERDEPARTMENTAL DEGREES										
Master of Business Administration	52	81	62	66	53	65	71	81	60	140
Master of Natural Resources									0	0
Master of Social Sciences	27	23	45	33	25	19	38	29	22	35
Toxicology (MS)	4	1	2	0	2	3	3	1	0	0
Watershed Sci. (MS)	0	1	1	2	1	2	2	3	5	6
SCHOOL OF ACCOUNTANCY										
Accounting (MAcc)	24	17	22	18	35	33	33	52	45	13
AG SYSTEMS TECHNOLOGY & ED										
Ag. Systems Tech (MA)	0	0	0	0	0	0	0	0	0	0
Ag. Systems Tech (MS)	14	6	5	11	5	3	4	1	4	5
ANIMAL, DAIRY & VET. SCIENCES										
Animal Science (MA)	0	0	0	0	0	0	0	0	1	0
Animal Science (MS)	6	3	5	2	1	1	6	2	0	1
Biovet. Science (MA)	0	0	0	0	0	0	0	0	0	0
Biovet. Science (MS)	2	0	3	2	3	0	2	0	0	0
Dairy Science (MA)	0	0	0	0	0	0	0	0	0	0
Dairy Science (MS)	2	1	1	2	0	0	1	0	1	0
ART										
Art (MA)	2	1	1	1	0	0	1	0	0	0
Art (MFA)	7	4	5	5	7	5	8	6	5	14
BIOLOGICAL & IRRIGATION ENG										
Biol. & Ag. Eng (MS)	14	18	13	8	6	4	2	5	1	3
Irrigation Eng. (MS)						0	0	0	6	2
Irrigation Sci. (MS)	11	2	6	0	3	0	0	0	0	0
BIOLOGY										
Biology (MS)	10	3	3	5	6	7	9	6	9	8
Biology Ecology (MS)	0	1	0	1	1	1	0	4	0	1
BUSINESS INFORMATION SYSTEMS										
BISE (MS)	28	25	33	24	28	29	23	28	47	39
CHEMISTRY & BIOCHEMISTRY										
Chemistry (MS)	6	1	2	3	3	0	2	3	4	2
Biochemistry (MS)	0	1	2	2	2	2	3	3	3	1
CIVIL & ENVIRONMENTAL ENG										
CEE (MS)	34	19	33	24	42	38	30	30	23	36
CEE (ME)	0	0	0	0	2	0	2	1	0	0
COMMUNICATION										
Communication (MA)	0	3	0	1	2	0	0	1	0	1
Communication (MS)	3	3	3	1	0	2	0	3	3	0
COMMUNICATIVE DISORDERS										
Comm Disorders (MA)	0	0	1	1	1	1	0	0	1	0
Comm Disorders (MED)	11	8	4	14	7	20	4	24	22	7
Comm Disorders (MS)	14	14	14	20	23	11	23	21	22	17
COMPUTER SCIENCE										
Computer Science (MS)	21	19	18	23	24	25	24	25	25	12

MASTER'S DEGREES AWARDED AT UTAH STATE UNIVERSITY										
Department	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
ECONOMICS										
Ag. Economics (MA)				0	0	0	0	0	0	0
Ag. Economics (MS)	3	1	1	2	1	4	0	0	0	1
Ag. Industries (MAI)	2	0	0	1	0	0	0	0	1	0
Comm Econ. Dev. (MCED)								0	0	0
Economics (MA)	1	0	0	1	2	2	1	0	1	0
Economics (MS)	8	4	4	8	9	0	4	4	6	3
ELECTICAL & COMPUTER ENG										
Electrical Eng. (ME)	13	15	13	16	17	17	23	16	10	6
Electrical Eng. (MES)	0	0	0	0	0	0	0	0	0	0
Electrical Eng. (MS)	14	6	18	14	8	15	7	10	20	12
ELEMENTARY EDUCATION										
Elementary Ed (MA)	0	0	1	0	0	1	0	0	0	0
Elementary Ed (MED)	38	37	43	30	41	43	32	47	41	44
Elementary Ed (MS)	0	0	6	23	21	22	21	2	0	0
ENGLISH										
American Studies (MA)	2	1	5	6	6	7	8	4	6	3
American Studies (MS)	5	5	5	8	3	0	7	5	4	6
English (MA)	5	9	7	9	7	15	6	9	9	11
English (MS)	4	4	8	13	10	12	6	10	8	13
FAMILY & HUMAN DEVELOPMENT										
FHD (MS)	10	7	12	8	6	7	11	7	13	13
FISHERIES & WILDLIFE										
Aquatic Ecology (MS)	0	0	1	2	0	1	4	3	1	1
Fisheries & Wildlife (MS)	5	5	8	3	3	7	8	3	13	7
Fisheries & Wildlife Ecology (MS)	0	2	3	4	1	6	4	1	4	3
FOREST RESOURCES										
Forest Ecology (MS)	0	1	2	0	0	0	1	1	1	2
Forest Management (MF)	0	0	0	0	0	0	0	0	0	0
Forestry (MS)	3	4	0	0	5	3	6	3	5	4
Forestry (MF)	2	0	1	0	0	0	0	0	0	0
Rec Resource Mgt. (MS)	0	3	0	0	2	0	4	1	1	1
GEOGRAPHY										
Geography (MA)						0	0	0	0	0
Geography (MS)						1	1	1	5	3
GEOLOGY										
Geology (MS)	4	1	0	6	3	3	3	7	3	6
Geology Ecology (MS)	0	0	0	0	0	0	0	0	0	0
HPER										
HPER (MED)	2	6	6	50	11	5	18	1	20	12
HPER (MS)	4	7	8	12	8	16	14	11	21	10
HISTORY										
History (MA)	1	3	7	3	11	8	11	5	4	4
History (MS)	2	2	7	1	2	2	4	2	1	2
HUMAN ENVIRONMENTS										
Human Enviorn (MS)	4	0	2	0	6	5	8	11	10	10

MASTER'S DEGREES AWARDED AT UTAH STATE UNIVERSITY										
Department	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
INDUSTRIAL TECHNOLOGY & ED										
ITE (MS)	6	10	2	6	3	2	10	2	5	5
MIE	0	0	0	0	0	0	0	0	0	0
INSTRUCTIONAL TECHNOLOGY										
Instructional Tech. (MED)	13	14	9	2	3	1	1	0	2	53
Instructional Tech. (MS)	12	17	28	30	23	33	37	41	39	54
LANDSCAPE ARCH & ENVIORN PLAN										
Landscape Archietecture (MLA)	5	2	3	3	6	6	5	8	4	9
Town & Reg Plan (MS)	1	1	0	2	0	0	1	1	0	0
MATHEMATICS & STATISTICS										
Mathematics (Mmath)	1	0	0	1	0	0	0	0	1	1
Mathematics (MS)	6	6	2	4	3	5	4	2	2	2
Statistics (MS)	8	6	5	5	5	5	3	6	5	5
MECHANICAL & AEROSPACE ENG										
Mechanical Eng. (ME)	1	0	0	0	0	0	0	0	0	1
Mechanical Eng. (MS)	8	3	10	7	12	10	9	7	13	7
NUTRITION & FOOD SCIENCES										
NFS (MA)	0	0	0	0	0	0	0	0	0	0
NFS (MS)	4	1	5	9	6	10	4	6	5	10
PHYSICS										
Physics (MS)	4	8	7	4	9	4	8	7	1	3
PLANTS, SOILS, & BIOMETEOROLOGY										
Biometerology (MA)	0	0	0	0	0	0	0	0	0	0
Biometerology (MS)	0	0	0	1	1	0	0	0	0	1
Physical Ecology (MS)	0	0	0	0	0	0	0	0	0	0
Plant Ecology (MS)	0	0	0	0	0	0	0	0	0	0
Plant Science (MA)	0	0	0	0	0	0	0	0	0	0
Plant Science (MS)	9	9	3	4	5	6	4	3	2	2
Soil Science (MA)					0	0	0	0	0	0
Soil Science (MS)	8	1	4	0	0	3	2	3	1	1
POLITICAL SCIENCE										
Political Science (MA)	1	5	4	5	2	2	1	1	4	3
Political Science (MS)	2	3	0	2	2	2	3	2	1	1
PSYCHOLOGY										
Psychology (MA)	0	0	0	0	0	0	0	0	1	0
Psychology (MS)	6	11	9	13	50	62	24	91	33	18
RANGELAND RESOURCES										
Range Ecology (MS)	0	1	0	0	2	1	0	0	1	1
Range Science (MS)	6	4	1	4	4	1	2	7	4	1
SECONDARY EDUCATION										
Secondary Ed. (MA)	0	0	0	0	1	0	0	0	0	0
Secondary Ed. (MED)	22	26	37	19	16	40	29	13	24	18
Secondary Ed. (MS)	0	1	0	0	1	0	0	0	2	1
SOCIOLOGY										
Sociology (MA)	1	0	0	1	0	1	1	1	0	1
Sociology (MS)	1	1	2	1	6	5	0	4	1	2
SPECIAL EDUCATION & REHABILITATION										
Special Ed. (MED)	17	16	11	23	10	10	15	13	9	27

MASTER'S DEGREES AWARDED AT UTAH STATE UNIVERSITY										
Department	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Special Ed. (MS)	3	5	15	17	15	16	18	16	27	27
THEATRE ARTS										
Theater Arts (MA)	0	1	1	0	1	0	0	1	0	2
Theater Arts (MFA)	2	0	0	0	2	2	0	4	1	3
TOTALS	571	530	610	652	653	700	684	732	705	779
INTERMEDIATE DEGREES										
Communicative Disorders (EdS)	2	1	1	3	0	2	1	2	0	0
Instructional Technology (EdS)	1	0	1	0	1	1	3	3	0	0
Special Education (EdS)	0	0	0	0	1	0	0	0	0	0
Electrical Engineer (EE)	0	0	1	0	0	1	0	0	0	0
Civil Engineer (CE)	0	1	0	2	0	0	0	0	0	1
TOTALS	3	2	3	5	2	4	4	5	0	1

TABLE 16										
DOCTORAL DEGREES AWARDED AT UTAH STATE UNIVERSITY										
Department	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
INTERDEPARTMENTAL										
Education-PhD	0	4	4	9	6	4	6	11	5	7
Education-EdD	5	1	1	3	0	0	0	1	1	2
Family Life	3	0	1	2	4	2	6	3	1	5
Toxicology	2	0	1	0	3	1	1	3	2	2
Watershed Science	0	0	1	0	1	0	1	1	0	1
ANIMAL, DAIRY & VET SCIENCES										
Animal Science	2	1	1	3	0	3	2	2	0	1
BIOLOGICAL & IRRIGATION ENG										
Biological & Agricultural Eng	3	2	7	6	4	6	7	4	2	1
Irrigation Engineering	0	0	0	0	0	0	0	0	6	1
BIOLOGY										
Biology	3	1	3	7	5	0	2	5	5	3
Biology Ecology	0	2	2	0	1	1	0	0	0	0
CHEMISTRY & BIOCHEMISTRY										
Chemistry	8	0	2	3	2	5	2	4	2	3
Biochemistry	0	1	1	2	1	1	3	2	3	6
CIVIL & ENVIRONMENTAL ENG										
CEE	7	5	8	11	8	7	6	9	5	4
ECONOMICS										
Economics	4	3	3	1	3	1	1	5	6	3
ELECTRICAL & COMPUTER ENG										
Electrical Engineering	2	0	1	1	0	6	3	0	3	2
FISHERIES & WILDLIFE										
Acquatic Ecology	0	0	0	0	0	0	0	2	1	1
Fisheries & Wildlife	1	0	0	1	0	1	0	1	0	3
Fisheries & Wildlife Ecology	0	1	1	0	1	1	1	0	2	0
FOREST RESOURCES										
Forest Ecology	0	2	0	0	0	0	0	0	0	0
Forestry	1	0	0	1	1	0	0	0	1	0
Recreation Resource Management	0	0	0	0	1	0	0	0	0	0
INSTRUCTIONAL TECHNOLOGY										
Instructional Technology										2
MATHEMATICS & STATISTICS										

DOCTORAL DEGREES AWARDED AT UTAH STATE UNIVERSITY										
Department	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Mathematical Sciences	1	0	2	2	1	1	4	1	2	0
MECHANICAL & AEROSPACE ENG										
Mechanical Engineering	2	0	0	2	0	1	0	0	0	0
NUTRITION & FOOD SCIENCES										
Nutrition & Food Sciences	6	2	5	4	3	3	2	1	5	3
PHYSICS										
Physics	3	1	6	2	2	4	1	1	4	3
PLANTS, SOILS, & BIOMETEOROLOGY										
Biometeorology	0	0	0	1	0	1	0	0	0	0
Physical Ecology	0	0	0	0	0	0	0	0	0	0
Plant Ecology	0	0	0	0	0	0	0	0	0	0
Plant Science	1	3	0	0	0	2	1	1	1	4
Soil Science	2	8	2	1	0	1	1	0	1	1
PSYCHOLOGY										
Psychology	8	9	7	16	8	7	8	11	10	8
RANGELAND RESOURCES										
Range Ecology	0	1	1	2	0	1	3	0	0	0
Range Science	2	6	4	3	4	3	5	4	2	7
SOCIOLOGY										
Sociology	1	2	1	0	1	0	3	1	5	1
SPECIAL EDUCATION										
Special Education	5	5	2	2	1	3	4	1	2	4
TOTALS	72	60	67	91	61	64	77	74	90	78

TABLE 17

University Outstanding Graduate Mentor Awardees

<u>Year</u>	<u>Name</u>	<u>Department</u>
1995	Charles L. Salzberg	Special Education and Rehabilitation
1996	William F. Campbell	Plants, Soils, and Biometeorology
1997	Kenneth W. Brewer	English
1998	Frederick D. Provenza	Rangeland Resources