



**REPORT TO THE COLORADO GENERAL ASSEMBLY ON
EDUCATION DEGREE PROGRAMS**

**BY THE
COLORADO COMMISSION ON HIGHER EDUCATION**

March 30, 1986

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I. INTRODUCTION

This report is a response to section 23-1-116 of HB 1187 which was passed during the 1985 legislative session. The specific language of the directive follows.

23-1-116 Commission directive - education degree programs.
It is the intent of the general assembly that the number of education programs offered at state institutions of higher education be reduced by the academic year 1989. Not later than March 30, 1986, the commission shall present to the general assembly a report on its decisions on the closure, consolidation, centralization, and reduction of duplication of undergraduate and graduate programs in education. In arriving at these decisions, the commission shall consider population, education, geographic service area, and economic factors. The governing boards shall be required to implement these directives not later than September 1, 1989.

This report summarizes the actions of the Colorado Commission on Higher Education regarding education degree programs. The actions are organized into three major sections—bachelors degrees, graduate level degree programs and other actions by the Commission. The report indicates whether each action resulted in closure, consolidation, centralization and/or reduction of duplication of education programs or whether the action was directed toward improved quality, improved access or accountability.

To assist in identifying actions related to particular institutions, the names of institutions are typed in bold. The final section of the report is a summary of the impact of these decisions on education degree programs at the undergraduate and graduate levels in the public institutions of higher education in Colorado.

The Commission's decisions are detailed and interrelated; the impact of those decisions on specific institutions is difficult to assess on a quick reading. A synopsis of the major implications of Commission action is summarized below:

- A. Students seeking to teach must major in an academic discipline rather than in education. Students can receive the required certification courses at any of the four-year colleges and universities in the state.
- B. Graduate programs are condensed into fewer institutions. Colorado State University has the exclusive responsibility for vocational teacher education. Colorado State University is to discontinue other graduate education programs; Western State College is to discontinue graduate teacher education programs; and the University of Colorado is to consolidate its administrative program in Denver, discontinue the doctoral program in Elementary Education and discontinue Guidance and Counseling at the Boulder campus. Adams State College retains graduate education programs and is authorized to provide cooperative programs.
- C. Rural access is addressed by designating the University of Southern Colorado, Mesa College, and Western State College as access sites. Through cooperative arrangements, graduate teacher education programs will be provided on these campuses by the University of Northern Colorado, Adams or Colorado State University (in vocational education).
- D. The University of Northern Colorado has a statutory role as the primary institution for teacher education and a statutory responsibility for the statewide, state supported, delivery of instruction. The University of Northern Colorado is authorized to provide graduate education programs in the Denver metropolitan area.

II. PRINCIPLES FOR A NEW CONFIGURATION OF EDUCATION PROGRAMS

The Commission used the following principles as a basis for its action in teacher education.

- A. Geographic access to education programs, by degree level, should be provided as follows:
 - 1. Baccalaureate degree and initial certification — maximum geographic access should be offered.
 - 2. Continuing education and recertification beyond the baccalaureate degree — substantial access is needed requiring options in both coursework and geographic access (including telecommunications).
 - 3. Masters Degree — regional access is needed for programming which should be offered by state institutions having broad graduate offerings and scope except that Adams State College, as a rural institution with relatively easy access to much of the southern part of the state, will retain degree authority for certain graduate level degrees, and for other degrees must cooperate with large graduate institutions in offering the degree.
 - 4. Ph.D., Ed.D., Education Specialist Degrees and Type D Certification — due to the specialization of these studies, no public purpose is

served by providing a decentralized system, rather these degrees/certificates should be offered by a limited number of institutions (but not just one) or by consortia arrangements.

5. Consideration should be given to creating centralized institutes, centers or consortia that would administer all statewide activity in specialized areas such as research dissemination to the schools and administrator training.

- B. Minority access must continue to be a direct responsibility of each governing board and institution.

- ✓ C. Certification changes by the Department of Education regarding admission standards, field experience, student assessment and a major academic area of study are supported.

- ✓ D. Every institution offering teacher certification should ensure the development of a rigorous, focused core curriculum at both the bachelor's degree level and, as appropriate, at the masters degree level.

- ✓ E. Graduate programs in teacher education should be provided through institutions having broad graduate offerings and scope. The programs should draw upon the wide variety of disciplines required of teachers and administrators, rather than on programs provided solely by the faculties of education.

Where rural access is a major goal, graduate education programs that do not require extensive graduate level support from other academic disciplines can be offered by a regional institution. Criteria for selecting the regional institution will include "existing assets", where quality programming already exists, and where access to a large teacher population is feasible.

- F. No education program (as structured by the institution) should have fewer than three full-time equivalent faculty, in order to provide a depth of intellectual inquiry and pedagogical training.
- G. Alternative delivery systems must be aggressively pursued if access and excellence are to be compatible. Particularly, telecommunications should be utilized more effectively and any barriers to its maximum use should be reduced.
- H. Advanced training for career teachers and administrators is critical to enhancing the quality of the public education system. Programs for advanced training must recognize the multidisciplinary needs of both the teacher and administrator and must draw on the diverse talents of faculty from a wide variety of disciplines.
- I. There should be expanded school/university partnerships and the development of career/master teacher concepts.

- J. A fifth year baccalaureate program is not justified as state policy based on the increased cost to students and the state.
- K. The statutory role of UNC must be recognized. The primary citations are:
- 23-40-101 — The University of Northern Colorado shall be the primary institution for undergraduate and graduate teacher education in the State of Colorado.
 - 23-40-101 — The University of Northern Colorado has the responsibility to provide on a statewide basis, utilizing where possible and appropriate the faculty and facilities of other educational institutions, those graduate level programs needed by professional educators and education administrators.
 - 23-40-101 — The Commission shall include in its funding recommendations an appropriate level of general fund support for those programs.
- L. Population centers, geographic service area of the institutions, the economic consequences of program closure, and the demand for educational services should also be considered.

III. BACHELORS DEGREES

Closure

At the bachelors level, teacher candidates must major in a subject field. The Commission directs governing boards to discontinue all bachelor level degrees identified for discontinuance in the Attachment except Music Education when accredited by the National Association of Schools of Music and with the exception of Physical Education when it is offered as a dual major and on the condition that all other requirements (the liberal arts and sciences core curriculum and the concentration requirements in the major field of study) are satisfied.

Quality

✓ Programs for future teachers must contain three critical elements: a liberal arts and sciences core, a major in a subject field, and pedagogy. To insure an appropriate focus on all areas, pedagogy, as the regulated area, cannot unduly expand. The Commission directs governing boards to review the curricula of teacher education programs and recommends that the semester credit hours devoted to teacher certification requirements, including student teaching, be between 20 and 42 hours. The Commission further directs the governing boards to report on changes made as a result of this review by June 1, 1987.

Quality

✓ The core curriculum in liberal arts and sciences is a major component of teacher preparation. Too frequently, attention

has been focused excessively on professional courses and the expanded requirements of major departments. A refocus on the liberal arts and sciences core is needed. The Commission recommends that governing boards direct their institutions to review the undergraduate core program in liberal arts and sciences to assure that students are exposed to a broad range of liberal arts and sciences. The Commission directs the governing boards to report, by June 1, 1987, on their undergraduate core program in liberal arts and sciences and any modifications they have made.

Quality

The State of Colorado needs to assure that the regulations in teacher education do not ~~prevent~~ appropriate attention to the core liberal arts and sciences and the subject major. The Commission recommends to the Colorado Department of Education that it consolidate the number of certificate/endorsement areas and assure that the requirements for certification can be accommodated within 20-42 semester credit hours of an undergraduate curriculum.

Quality

A critical mass of faculty is needed to maintain breadth in any teaching area. Certification is no exception. The Commission recommends to the Colorado Department of Education that it not authorize institutions to provide certification requirements where there are less than three qualified faculty in the certification area.

IV. GRADUATE LEVEL DEGREE PROGRAMS

**Consolidation
Closure**

Over the past three years, as a result of the number of factors including accreditation in education, the University of Colorado has moved towards greater consolidation of its education units. Currently the University treats the faculty in education on the three campuses as a single faculty. The Commission supports the University in this approach believing that greater quality and access can be achieved with efficiency. Consistent with this approach, and the interests of the Commission, the Commission directs the Regents of the University of Colorado to take the following actions.

- Move the administration unit from the Boulder campus to the Denver campus at both the masters and doctoral levels.
- Discontinue the Ph.D. in Elementary Education (this action has already been initiated by the Regents).

- Discontinue the Counseling and Guidance program on the University of Colorado-Boulder campus.
- Treat masters and doctoral level degrees in education as University of Colorado coordinated degrees. (Policy to be developed.)

And recommends the following:

- Have a single point of final academic control for the education faculties on the three general campuses.
- Make the center of the University of Colorado's activities in teacher education at the University of Colorado-Denver campus.

The impact of these actions will result in the following discipline responsibilities and degree title changes at each of the general campuses.

The University of Colorado-Boulder is assigned responsibility for master and doctoral programs in Research and Evaluation, Bilingual Education, Secondary Education, and for master level only, Elementary Education. The Commission directs the Board of Regents to move the master and doctoral level administrative degrees from Boulder to Denver and to discontinue Guidance and Counseling within the M.A., Ed.S. and Ph.D. in Educational Psychological Studies.

The University of Colorado-Denver is assigned responsibility for the following programs at the masters level: Elementary Education, Secondary Education, Counseling, bilingual education, Special Education and Administration. Specific change: Discontinue the M.Ed. in Counseling and Guidance, the M.Ed. in Educational Psychology, the M.Ed. and M.A. in Elementary Education, the M.Ed. and M.A. in Foundations, the M.Ed. and M.A. in Reading, and the M.Ed. in Secondary Education and establish an M.A. in Curriculum and Instruction.

The University of Colorado-Colorado Springs is assigned responsibility for the following programs at the masters level: Elementary Education, Secondary Education, Counseling, and Special Education. Specific changes: M.A. in Education renamed to M.A. in Guidance and Counseling and M.A. in Curriculum and Instruction.

**Consolidation/
Closure**

The Commission assigns the exclusive responsibility for graduate vocational teacher education to Colorado State University. The Commission directs the State Board of Agriculture to discontinue all graduate level programs in education except vocational teacher education. The specific program discontinued is the M.Ed. in Education.

Access/Closure

The University of Southern Colorado is designated as an access site for cooperative programs from other institutions (general fund support). Designation as a site provides the opportunity to coordinate the supply of graduate level programs in education needed by the Pueblo community. The Commission does not assign site specific authority for teacher education programs to the University of Southern Colorado and directs the University of Southern Colorado to discontinue its M.A. in Industrial Education.

Access/Quality

To respond to the statutory requirement that the University of Northern Colorado be the primary teacher education institution, the University is assigned:

- statewide responsibility for all types of graduate education programs except vocational teacher education;
- exclusive responsibility for doctoral elementary education programs;
- state-supported role at selected sites in the Denver Metropolitan area;
- lead role in studies on access and administrative studies.

**Consolidation/
Closure**

The responsibility for graduate Vocational Teacher Education is assigned to Colorado State University. The Commission directs the Trustees of the University of Northern Colorado to discontinue all Vocational Education degrees but may retain its undergraduate certification programs.

Access

The University of Northern Colorado is designated in statute as having a statewide, state-supported mission in teacher education. The Commission directs the University of Northern Colorado to present a plan to the Commission by May 1, 1986, establishing state-supported cooperative program sites for graduate teacher education in the Denver Metropolitan Area. The sites designated in the Commission approved plan will define the Denver access sites referenced for the Planning Committee on page 9 of this document.

Access/Quality

Adams State College is crucial to serving the access needs in its region. It has existing assets in graduate education which must be retained.

The Commission directs the Trustees of the Consortium of the State Colleges of Colorado to discontinue the M.A. in Secondary Education, General; and recognizes the Trustees' discontinuance of the M.A. in Science Education and the M.A. in Speech Correction.

The Commission welcomes proposals from the Consortium of State Colleges of Colorado for Adams State College in Secondary Education. Authorization for Adams State College in Secondary and Special Education includes the explicit understanding by the Commission and the Consortium that these degree programs shall involve cooperative agreements with other institutions for the provision of certain curricular components of these degree programs.

Closure

Western State College is a small institution with role and mission responsibilities at the baccalaureate level and without the capacity for a broad base of graduate disciplines. The access needs of the Western Slope can be better served by establishing Mesa College and Western State College as access sites. The Commission directs the Trustees of the Consortium of the State Colleges of Colorado to discontinue its M.A. in Education and to offer no masters level teacher education degrees.

Quality

The public system of higher education must improve on its past performance in administrator training and development. The major universities must pool their resources and talent to design and implement such a program. The Commission directs its staff to form immediately a planning committee for administrator training and development. This committee will be chaired by a representative from the University of Northern Colorado. The committee is charged to bring to the Commission by December 1986 a plan which will address, at a minimum, the following points.

- Proposed Recommendations for the Colorado Department of Education on Type D Certification including consideration of administrator certification at the baccalaureate level
- Model Curricula for masters level work in administration and how these curricula contribute to Type D certification.
- Prerequisites for enrolling in Type D certificate programs

- Course transfer for students among curricula models if multiple models are proposed
- Institutions which will have a role in providing administrator training
- How programs might be provided throughout the state.

Closure

Administrator training requires broad interdisciplinary graduate level capability. Institutions authorized to offer this training must have breadth in their graduate offerings. The Commission directs the Consortium of State Colleges to discontinue masters level administrator training at Western State College.

Access

The system of public higher education must improve access to graduate programs and courses for teachers throughout the state. In part, this improved access is needed to respond to appropriate changes in the Colorado Department of Education's certification requirements. The Commission directs its staff to form immediately a committee on access, chaired by the University of Northern Colorado. A report with recommendations is due to the Commission by December 1, 1986 and should, at a minimum, address the following issues.

- Financing and costs of off-campus teacher education programs
- Models to use in providing courses
- Telecommunications as a method of providing access recognizing the existing expertise of CSU in telecommunications
- Location of the points of delivery
- Suggested methods to enhance the ability of less populated communities to attract course work to their area.

Access

Access cannot be significantly improved without funding. Control of expenditures is important, but access requires funding methods for providing the service. The Commission designates the University of Southern Colorado in Pueblo, Mesa College in Grand Junction, Western State College in Gunnison, and a site or sites in Denver as access sites for teacher education. The Commission strongly encourages the submission of proposals for cooperative program arrangements to deliver needed graduate teacher education at each of these sites. Distribution of resources between the host institutions

and the providing institution shall be negotiated between the schools.

The Planning Committee shall include in its recommendations such provisions for cooperative arrangements at the Denver sites as will define, for a trial period of two years: a) the number of student FTE to be generated; b) the course or degree offering frequency; and/or c) the costs associated with such arrangements.

The University of Colorado School of Education is encouraged to engage in off-campus state-supported cooperative programs at the graduate level at the sites in Denver. Courses will be offered under this plan by the University of Colorado and the University of Northern Colorado for a two year trial period with an appraisal of the program by the Commission at the end of that period. The two institutions each will be allowed to offer an approximately equal number of courses/programs during the trial period, and they may, in addition, offer jointly-sponsored programs.

Consolidation

The University of Northern Colorado has a statewide statutory responsibility in teacher education. The University of Colorado does not. The Commission intends generally to restrict the University of Colorado to the seven county areas between Boulder and Colorado Springs for teacher education programs. (Boulder, Adams, Jefferson, Denver, Arapahoe, Douglas, and El Paso counties.)

V. OTHER ACTIONS BY THE COMMISSION

Accountability

There must be a process of reviewing the results of Commission action in teacher education. The Commission directs its staff after consultation with governing boards to initiate a statewide review of existing education degree and certificate programs during the 1990-91 year. These reviews shall include the results of the 2+2 study being carried out by the Colorado Department of Education.

Accountability

Cooperative arrangements are a vital part of the Commission's plan for achieving access. The Commission policies guiding these arrangements must be carefully considered. The Commission directs its staff after consultation with the governing boards to review the existing policies on cooperative program arrangements and bring back its suggested changes to the Commission by September 1, 1986.

Accountability

There must be a process of reviewing the results of cooperative program arrangements. The Commission directs its staff to collect from the governing boards, an annual report on cooperative program arrangements. The first report is due to the Commission on June 1, 1987.

VL SUMMARY OF COMMISSION ACTIONS

The General Assembly indicated its intent that the number of education programs be reduced, and required a report stating decisions on closure, consolidation, centralization and reduction of duplication. Sections III and IV list Commission actions. Reduction of duplication is not uniquely identified because each decision on closure, consolidation and centralization results in the reduction of duplication.

Also included in this report is a detailed listing of action on each education degree (see attachment). The program decisions found in the attachment are summarized below:

Bachelors Degrees

16 degree programs discontinued by the governing boards since July 1984.

29 degree programs discontinued as a result of Commission action.

13 degree programs reclassified outside the field of education. They will be reviewed in the next 5 years as part of the program discontinuance project.

7 degree programs in Physical Education are continued, but they can be offered only as a dual major with another subject area.

Masters Degrees

11 degree programs discontinued by the governing boards since July 1984.

14 degree programs to be discontinued as a result of Commission action.

2 degree programs to be moved from Boulder to Denver.

3 degree programs created and renamed.

4 degree programs reclassified outside the field of education. They will be reviewed in the next 5 years as part of the program discontinuance project.

46 degree programs are continued.

1 degree program is continued with special requirements for cooperation with major graduate institutions.

Doctoral Degrees

5 degree programs discontinued by the governing boards since July 1984.

2 degree programs discontinued as a result of Commission action.

1 degree program moved from Boulder to Denver.

1 degree program reclassified outside the field of education. It will be reviewed in the next 5 years as part of the program discontinuance project.

24 degree programs to be continued.

March 26, 1986

ATTACHMENT

LIST OF ALL CURRENTLY OFFERED EDUCATION PROGRAMS
BY LEVEL AND INSTITUTION

BACHELORS DEGREES

INST INSTITUTION'S PROGRAM NAME	AWARD	TO BE CONTINUED BY COMMISSION ACTION	DISCONTINUED BY INSTITUTION SINCE JULY 1984	DEGREES GRANTED IN		
				FY 83	FY 84	FY 85
ASC BUSINESS EDUCATION	B.A.	N		6	5	1
ELEMENTARY EDUCATION	B.A.	N		31	18	21
INDUSTRIAL EDUCATION	B.A.	(11)		2	1	5
PHYSICAL EDUCATION	B.A.	Y(5)		16	20	11
RECREATION	B.A.	Y		4	0	0
SCIENCE EDUCATION	B.S.		DISCONTINUED	0	1	0
SCIENCE EDUCATION	B.A.		DISCONTINUED			
SOCIAL STUDIES EDUCATION	B.A.		DISCONTINUED	0	0	0
SPECIAL EDUCATION, E.M.E.	B.A.	N		15	6	9
SPEECH CORRECTION	B.A.		DISCONTINUED	3	1	0
				77	52	47
CSU INDUSTRIAL SCIENCES AND TECHNOLOGY EDUCATION	B.S.	(11)		10	10	16
MUSIC EDUCATION	E.M.		DISCONTINUED	0	0	0
PHYSICAL EDUCATION	B.S.	Y(5)		64	41	47
VOCATIONAL AGRICULTURE	B.S.	(3)		12	15	7
VOCATIONAL EDUCATION	B.E.	N		22	18	15
VOCATIONAL HOME ECONOMICS EDUCATION	B.S.	N		14	17	10
				122	101	89
FSC BUSINESS EDUCATION	B.A.	N		0	2	0
ELEMENTARY EDUCATION	B.A.	N		31	25	22
PHYSICAL EDUCATION	B.A.	Y(5)		13	13	22
				44	40	54
MED BUSINESS EDUCATION AND COMMUNICATIONS	B.S.	N		3	3	0
EARLY CHILDHOOD EDUCATION	B.A.	N		21	33	22
ELEMENTARY EDUCATION	B.A.	N		49	51	62
INDUSTRIAL & TECHNICAL STUDIES	B.S.	(11)		0	3	5
MUSIC EDUCATION	B.A.	N		14	9	9
PHYSICAL EDUCATION	B.A.	Y(5)		15	10	12
				102	109	110
UCB ART EDUCATION	B.F.A.	N		12	4	1
ART EDUCATION	B.A.	N				
BUSINESS EDUCATION	B.S.	N		0	0	0
LINGUISTICS	B.S.	Y		37	49	65

THIS REPORT LISTS ALL EDUCATION OR EDUCATION-RELATED PROGRAMS AND MARKS THOSE TO BE CONTINUED OR DISCONTINUED BY THE COMMISSION ACTION ON 3/24/86. PROGRAMS LISTED IN THE LAST EDITION OF "DEGREE PROGRAMS OFFERED AND CERTIFICATES AND DEGREES CONFERRED" THAT HAVE RECENTLY BEEN DISCONTINUED BY THE INSTITUTIONS ARE MARKED AS DISCONTINUED. SEE THE LAST PAGE OF THIS APPENDIX FOR AN EXPLANATION OF THE CODES USED IN THE STAFF RECOMMENDATION COLUMN.

LIST OF ALL CURRENTLY OFFERED EDUCATION PROGRAMS
BY LEVEL AND INSTITUTION

BACHELOES DEGREES

INST	INSTITUTION'S PROGRAM NAME	AWARD	TO BE CONTINUED BY COMMISSION ACTION	DISCONTINUED BY INSTITUTION SINCE JULY 1984	DEGREES GRANTED IN		
					FY 83	FY 84	FY 85
UCB	MUSIC EDUCATION	B.MUS.ED.	Y		15	10	15
	TEACHER EDUCATION-ELEMENTARY	E.S.		DISCONTINUED	78	4	0
	TEACHER EDUCATION-SECONDARY	E.S.		DISCONTINUED	5	3	0
					=====	=====	=====
					147	70	81
UCCS	ELEMENTARY EDUCATION	E.S.		DISCONTINUED	32	10	16
	SECONDARY EDUCATION	E.S.		DISCONTINUED	3	2	3
					=====	=====	=====
					35	12	19
UCD	ELEMENTARY EDUCATION	E.S.		DISCONTINUED	1	0	0
	SECONDARY EDUCATION	E.S.		DISCONTINUED	0	0	0
					=====	=====	=====
					1	0	0
UNC	BUSINESS TEACHER EDUCATION	E.A.	N		8	11	8
	COMMUNICATION DISORDERS: AUDIOLOGY	B.A.	(1)		7	5	13
	COMMUNICATION DISORDERS: SPEECH-LANG PATH	E.A.	(1)		20	14	10
	ELEMENTARY EDUCATION	E.A.	N		155	121	114
	ELEMENTARY EDUCATION: BILINGUAL-BICULTUR.	E.A.	N		8	3	5
	ELEMENTARY EDUCATION: EARLY CHILDHOOD ED.	E.A.	N		0	0	0
	HEALTH EDUCATION	E.A.	N		0	0	0
	HEALTH OCCUP./VOCATIONAL TEACHER EDUC.	E.A.	N		2	4	0
	HUMAN REHABILITATIVE SERVICES	E.S.	(2)		30	25	25
	INDUSTRIAL ARTS	E.S.		DISCONTINUED	28	16	15
	INDUSTRIAL ARTS	E.A.		DISCONTINUED			
	JUNIOR HIGH / SECONDARY SCIENCE	E.A.	N		2	4	1
	MIDDLE SCHOOL EDUCATION	E.A.	N		6	4	2
	MUSIC EDUCATION	E.M.E.	Y		22	24	30
	PHYSICAL EDUCATION	E.A.	Y(5)		60	53	60
	PRE-SCHOOL EDUCATION	B.A.	N		77	64	35
	SPECIAL EDUCATION	E.A.	N		2	11	12
	SPECIAL EDUCATION-MENTAL RETARDATION	E.A.	N		60	23	55
	VOCATIONAL HOME ECONOMICS	E.A.	N		9	5	3
					=====	=====	=====
					517	447	528
USC	ART EDUCATION	E.S.		DISCONTINUED	1	0	0
	BUSINESS EDUCATION	E.S.		DISCONTINUED	0	0	0
	ELEMENTARY EDUCATION	E.S.	N		25	31	32
	INDUSTRIAL EDUCATION	E.S.	(11)		10	12	18
	MUSIC EDUCATION	E.S.		DISCONTINUED	3	2	0
	PHYSICAL EDUCATION	E.S.	Y(5)		28	18	15

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LIST OF ALL CURRENTLY OFFERED EDUCATION PROGRAMS
BY LEVEL AND INSTITUTION

BACHELORS DEGREES

INST INSTITUTION'S PROGRAM NAME	AWARD	TO BE CONTINUED BY COMMISSION ACTION	DISCONTINUED BY INSTITUTION SINCE JULY 1984	DEGREES GRANTED IN		
				PY 83	PY 84	PY 85
				====	====	====
				67	83	85
VSC ELEMENTARY EDUCATION	B.A.	N		58	44	34
INDUSTRIAL EDUCATION AND TECHNOLOGY	B.A.	(11)		10	28	14
PHYSICAL EDUCATION	B.A.	Y(5)		49	41	35
RECREATION	B.A.	Y		0	0	0
				====	====	====
				118	113	83
TOTAL DEGREES GRANTED AT THE BACHELORS LEVEL =				1230	1007	936

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LIST OF ALL CURRENTLY OFFERED EDUCATION PROGRAMS
BY LEVEL AND INSTITUTION

MASTERS DEGREES

INST	INSTITUTION'S PROGRAM NAME	AWARD	TO BE CONTINUED	DISCONTINUED	DEGREES GRANTED IN		
			BY COMMISSION ACTION	BY INSTITUTION SINCE JULY 1984	FY 83	FY 84	FY 85
UCD	COUNSELING AND GUIDANCE	M.ED.	N				
	COUNSELING AND GUIDANCE	M.A.	Y		40	22	41
	CURRICULUM AND INSTRUCTION	M.A.	Y(10)				
	EARLY CHILDHOOD EDUCATION	M.A.	Y		5	15	5
	EDUCATIONAL PSYCHOLOGY	M.ED.	N				
	EDUCATIONAL PSYCHOLOGY	M.A.	Y		1	4	8
	ELEMENTARY EDUCATION	M.ED.	N				
	ELEMENTARY EDUCATION	M.A.	N		15	11	15
	FOUNDATIONS	M.ED.	N				
	FOUNDATIONS	M.A.	N		3	3	0
	READING	M.ED.	N				
	READING	M.A.	N		21	16	18
	SECONDARY EDUCATION	M.ED.	N		0	0	0
	SECONDARY EDUCATION	M.A.	Y		10	16	23
	SPECIAL EDUCATION	M.A.	Y		1	4	11
					96	91	121
UNC	AGENCY COUNSELING	M.A.	Y		0	0	0
	APPLIED STATISTICS AND RESEARCH METHODS	M.S.	Y		9	3	3
	COMMUNICATION DISORDERS: AUDIOLOGY	M.A.		(1)	9	14	11
	COMMUNICATION DISORDERS: SPEECH-LANG PATH	M.A.		(1)	19	19	14
	CURRICULUM AND INSTRUCTION	M.A.		DISCONTINUED	32	10	2
	CURRICULUM AND INSTRUCTION	ED.S.		DISCONTINUED			
	EDUCATIONAL ADMINISTRATION	M.A.	Y		30	22	22
	EDUCATIONAL ADMINISTRATION	ED.S.	Y				
	EDUCATIONAL MEDIA	M.A.	Y		27	17	9
	EDUCATIONAL PSYCHOLOGY	M.A.	Y		118	101	22
	ELEMENTARY EDUCATION	M.A.	Y		42	19	45
	ELEMENTARY EDUCATION: BILINGUAL-BICULTUR.	M.A.	Y		3	1	0
	ELEMENTARY EDUCATION: EARLY CHILDHOOD ED.	M.A.	Y		12	7	10
	ELEMENTARY SCHOOL COUNSELING	M.A.	Y		0	2	0
	GRADUATE INTERDISCIPLINARY DEGREE PROGRAM	M.S.	Y				
	GRADUATE INTERDISCIPLINARY DEGREE PROGRAM	M.A.	Y		3	10	13
	GRADUATE INTERDISCIPLINARY DEGREE PROGRAM	ED.S.	Y				
	HEALTH EDUCATION	M.A.	Y		14	9	10
	INDUSTRIAL ARTS	M.A.		DISCONTINUED	6	2	0
	INDUSTRIAL ARTS	ED.S.		DISCONTINUED			
	MATHEMATICS EDUCATION	M.A.	Y		1	0	2
	MUSIC EDUCATION	M.M.E.	Y		6	5	3
	MUSIC EDUCATION	ED.S.	Y				
	PHYSICAL EDUCATION	M.A.	Y		17	10	22
	READING	M.A.	Y		25	16	17
	READING	ED.S.	Y				

THIS REPORT LISTS ALL EDUCATION OR EDUCATION-RELATED PROGRAMS AND MARKS THOSE TO BE CONTINUED OR DISCONTINUED BY THE COMMISSION ACTION ON 3/24/86. PROGRAMS LISTED IN THE LAST EDITION OF 'DEGREE PROGRAMS OFFERED AND CERTIFICATES AND DEGREES CONFERRED' THAT HAVE RECENTLY BEEN DISCONTINUED BY THE INSTITUTIONS ARE MARKED AS DISCONTINUED. SEE THE LAST PAGE OF THIS APPENDIX FOR AN EXPLANATION OF THE CODES USED IN THE STAFF RECOMMENDATION COLUMN.

LIST OF ALL CURRENTLY OFFERED EDUCATION PROGRAMS
BY LEVEL AND INSTITUTION

MASTERS DEGREES

INST	INSTITUTION'S PROGRAM NAME	AWARD	TO BE CONTINUED BY COMMISSION ACTION	DISCONTINUED BY INSTITUTION SINCE JULY 1984	DEGREES GRANTED IN		
					FY 83	FY 84	FY 85
ASC	ELEMENTARY EDUCATION	M.A.	Y		37	18	21
	GUIDANCE AND COUNSELING	M.A.	Y		26	12	33
	PHYSICAL EDUCATION	M.A.	Y		10	11	10
	SCIENCE EDUCATION	M.A.		DISCONTINUED	0	0	0
	SECONDARY EDUCATION, GENERAL	M.A.	N(7)		17	19	33
	SPECIAL EDUCATION, E.M.	M.A.	Y(8)		24	24	22
	SPEECH CORRECTION	M.A.		DISCONTINUED	6	6	0
					=====	=====	=====
					120	90	119
CSU	EDUCATION	M.ED.	N		62	72	77
	INDUSTRIAL SCIENCES	M.S.	Y		26	36	25
	PHYSICAL EDUCATION	M.ED.	Y		15	16	16
	VOCATIONAL EDUCATION	M.ED.	Y		31	21	24
					=====	=====	=====
					136	145	142
UCB	ADMINISTRATION, SUPERVISION, CURRICULUM DEV	M.A.	N(6)		18	24	28
	ADMINISTRATION, SUPERVISION, CURRICULUM DEV	ED.S.	N(6)				
	ART EDUCATION	M.A.	Y		0	0	1
	EDUCATIONAL/PSYCHOLOGICAL STUDIES	M.A.	Y		41	45	35
	EDUCATIONAL/PSYCHOLOGICAL STUDIES	ED.S.	Y				
	ELEMENTARY EDUCATION	M.A.		DISCONTINUED	0	0	0
	ELEMENTARY EDUCATION	ED.S.		DISCONTINUED			
	INSTRUCTION AND CURRICULUM	M.A.	Y		24	17	14
	INSTRUCTION AND CURRICULUM	ED.S.	Y				
	KINESIOLOGY	M.S.	Y		15	24	14
	MUSIC EDUCATION	M.MUS.ED.	Y		5	7	3
	SECONDARY EDUCATION	M.A.		DISCONTINUED	0	0	0
	SECONDARY EDUCATION	ED.S.		DISCONTINUED			
	SECONDARY EDUCATION	ED.M.		DISCONTINUED			
	SOCIAL, MULTICUL., AND BILINGUAL FOUNDATION	M.A.	Y		26	12	40
					=====	=====	=====
					133	133	135
UCOE	CURRICULUM AND INSTRUCTION	M.A.	Y(9)				
	EDUCATION	M.A.	N(9)		39	57	53
	GUIDANCE AND COUNSELING	M.A.	Y(9)				
	SPECIAL EDUCATION	M.A.	Y		11	23	24
					=====	=====	=====
					50	80	77
UCD	ADMINISTRATION, SUPERVISION, CURRICULUM DEV	M.A.	Y(6)				
	ADMINISTRATION, SUPERVISION, CURRICULUM DEV	ED.S.	Y(6)				

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LIST OF ALL CURRENTLY OFFERED EDUCATION PROGRAMS
BY LEVEL AND INSTITUTION

DOCTORAL DEGREES

INST	INSTITUTION'S PROGRAM NAME	AWARD	TO BE CONTINUED BY COMMISSION ACTION	DISCONTINUED BY INSTITUTION SINCE JULY 1984	DEGREES GRANTED IN		
					FY 83	FY 84	FY 85
CSU	VOCATIONAL EDUCATION	PH.D.	Y		12	12	12
					=====	=====	=====
					12	12	12
UCB	ADMINISTRATION, SUPERVISION, CURRICULUM DEV	PH.D.		N(6)	16	32	12
	ADMINISTRATION, SUPERVISION, CURRICULUM DEV	ED.D.		N			
	EDUCATIONAL/PSYCHOLOGICAL STUDIES	PH.D.	Y		14	19	9
	ELEMENTARY EDUCATION	PH.D.		DISCONTINUED	0	0	0
	INSTRUCTION AND CURRICULUM	PH.D.	Y		4	1	3
	INSTRUCTION AND CURRICULUM	ED.D.		N			
	MUSIC EDUCATION	PH.D.	Y		3	2	1
	RESEARCH AND EVALUATION METHODOLOGY	PH.D.	Y		1	2	1
	SECONDARY EDUCATION	PH.D.		DISCONTINUED	0	0	0
	SECONDARY EDUCATION	ED.D.		DISCONTINUED			
	SOCIAL, MULTICUL., AND BILINGUAL FOUNDATION	PH.D.	Y		12	11	4
					=====	=====	=====
					50	67	39
UCD	ADMINISTRATION, SUPERVISION, CURRICULUM DEV	PH.D.	Y(6)		=====	=====	=====
UNC	APPLIED STATISTICS AND RESEARCH METHODS	PH.D.	Y		5	3	7
	COLLEGE STUDENT PERSONNEL ADMINISTRATION	PH.D.	Y		7	4	1
	COUNSELING PSYCHOLOGY	PSY.D.		(4)	0	0	0
	COUNSELOR EDUCATION	ED.D.	Y		0	0	0
	CURRICULUM AND INSTRUCTION	ED.D.		DISCONTINUED	25	12	4
	EDUCATIONAL ADMINISTRATION	ED.D.	Y		13	4	5
	EDUCATIONAL PSYCHOLOGY	ED.D.	Y		15	10	13
	ELEMENTARY EDUCATION	ED.D.	Y		3	2	1
	ELEMENTARY EDUCATION: EARLY CHILDHOOD ED.	ED.D.	Y		0	2	2
	ENGLISH EDUCATION	ED.D.	Y		0	0	0
	GRADUATE INTERDISCIPLINARY DEGREE PROGRAM	ED.D.	Y		24	13	15
	GRADUATE INTERDISCIPLINARY DEGREE PROGRAM	D.A.	Y				
	HUMAN REHABILITATION	PH.D.	Y(2)		1	3	2
	INDUSTRIAL ARTS	ED.D.		DISCONTINUED	3	1	2
	MATHEMATICS EDUCATION	ED.D.	Y		0	0	0
	MUSIC EDUCATION	D.M.E.	Y		0	0	0
	PHYSICAL EDUCATION	ED.D.	Y		4	5	2
	READING	ED.D.	Y		4	2	1
	SCHOOL PSYCHOLOGY	PH.D.	Y		0	0	0
	SCIENCE EDUCATION	ED.D.	Y		9	6	2
	SPECIAL EDUCATION	ED.D.	Y		4	8	7

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LIST OF ALL CURRENTLY OFFERED EDUCATION PROGRAMS
BY LEVEL AND INSTITUTION

MASTERS DEGREES

INST	INSTITUTION'S PROGRAM NAME	AWARD	TO BE CONTINUED	DISCONTINUED	DEGREES GRANTED IN		
			BY COMMISSION	BY INSTITUTION	FY 83	FY 84	FY 85
			ACTION	SINCE JULY 1984			
UNC	REHABILITATION COUNSELING	M.A.		(2)	32	11	13
	REHABILITATION COUNSELING	ED.S.		(2)			
	SCHOOL PSYCHOLOGY	ED.S.	Y		0	0	0
	SCIENCE EDUCATION	M.A.	Y		2	3	1
	SECONDARY/POSTSECONDARY SCHOOL COUNSELING	M.A.	Y		0	0	0
	SPECIAL EDUCATION	M.A.	Y		132	103	92
	SPECIAL EDUCATION	ED.S.	Y				
	SPECIAL EDUCATION-MENTAL RETARDATION	M.A.	Y		9	6	13
					=====	=====	=====
					556	401	325
USC	INDUSTRIAL EDUCATION	M.A.		N	3	7	3
					=====	=====	=====
					3	7	3
WEC	EDUCATION	M.A.		N	40	55	61
					=====	=====	=====
					40	55	61
TOTAL DEGREES GRANTED AT THE MASTERS LEVEL =					1134	1009	1043

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LIST OF ALL CURRENTLY OFFERED EDUCATION PROGRAMS
BY LEVEL AND INSTITUTION

DOCTORAL DEGREES

INST INSTITUTION'S PROGRAM NAME	AWARD	TO BE CONTINUED	DISCONTINUED	DEGREES GRANTED IN		
		BY COMMISSION	BY INSTITUTION	FY 83	FY 84	FY 85
		ACTION	SINCE JULY 1984			
				=====	=====	=====
				117	75	67
TOTAL DEGREES GRANTED AT THE DOCTORAL LEVEL =				179	154	109

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FOOTNOTES FOR ATTACHMENT A

Y -- These programs are recommended for continuation by the Commission action on March 24, 1986.

N -- These programs are recommended for discontinuation by the Commission action on March 24, 1986.

This list of education programs reflects the classification of education programs now in use by the Federal Government in their data collection (CIP codes). This classification is not identical to the education classification (HEGIS) used in producing the July, 1984 edition of "Degree Programs Offered and Certificates and Degrees Conferred". Programs that were not classified as education under either HEGIS or CIP were not included in the education review; they will be reviewed during the Program Discontinuance Project. Most programs that were listed as education under HEGIS, but were reclassified to a non-education field under CIP, are also not reviewed as education, but they are listed in this table for completeness. They will be reviewed during the Program Discontinuance Project. Finally, programs that were not listed as education under HEGIS, but that are listed as education under CIP, have been added to the list of education programs and have been reviewed as part of this review.

Footnotes are used to indicate programs that have been reclassified into non-education categories. Other footnotes are used to indicate additional actions taken by the Commission.

- (1) -- These programs have been reclassified into the health sciences field, either as Audiology or Speech Pathology.
- (2) -- These programs have been reclassified into Health, Rehabilitation.
- (3) -- This program has been reclassified as an Agricultural program.
- (4) -- This program has been reclassified as a Psychology program.
- (5) -- Physical Education degrees may only be offered at the bachelor's level as part of a dual-major.
- (6) -- The Commission action calls for the masters and doctoral level programs in Administrator Training to be moved from the Boulder campus of the University of Colorado to the Denver Campus.
- (7) -- The Secondary Education, General degree at Adams State College is to be discontinued, but ASC is encouraged to develop proposals for specific Secondary Education degrees that include cooperative arrangements with other institutions.

- (8) -- Adams State College is directed to develop cooperative arrangements with other institutions to supplement the course offerings for their Special Education, E.H. degree.
- (9) -- The General Education master's degree at the University of Colorado-Colorado Springs is to be renamed into two new degree programs, Guidance and Counseling and Curriculum and Instruction.
- (10) -- The master's degrees in Elementary Education, Foundations, and Reading at the University of Colorado-Denver are to be consolidated and renamed as a new degree in Curriculum and Instruction.
- (11) -- (Footnote added on April 22, 1986) The assumption is that these programs are not undergraduate education programs. Further discussions will be held with these schools to determine if appropriate name changes for these programs may be necessary.

