

OFFICE OF ACADEMIC AFFAIRS

MEMORANDUM

TO: Board of Regents

FROM: Michael Lightner, Vice President of Academic Affairs

DATE: March 24, 2017

ISSUE: New Degree Program Progress

Brief: This report provides projected and actual enrollment and degree counts for degree programs that have been implemented in the last five years. Projections are from the original degree proposals submitted to the Board of Regents. Data on actual enrollment and degrees awarded were provided by the campus Institutional Research offices. Fall headcounts are based on the number of declared majors, including primary and secondary majors.

Background: Historically, the CCHE tracked information on new program enrollments, comparing them to the projections institutions had submitted in their degree proposals; however, the 2008 revisions to Title 23 formally eliminated that responsibility. In fall 2009, the Chancellors and Provosts met with President Benson and system staff to discuss academic issues, including those related to new degree proposals. It was agreed that campuses would provide an annual report on new program enrollments to the board as a follow-up accountability measure.

Issues for Consideration:

- Revenue projections for a new degree program are largely dependent on enrollment; therefore, a comparison of actual enrollment to projected enrollment should indicate whether a program is meeting its revenue goals. However, other factors can play a role in program success.
- Enrollment and degree completions for most programs are near projected levels. Since first-year enrollment is often dependent on issues such as approval timing and marketing, programs that do not meet first-year projections may catch up in subsequent years.
- Comments received from the campuses are provided for programs with below projected enrollment and/or projected degrees.

University of Colorado Boulder

Asian Languages and Civilizations, PhD

CU Board of Regents Approved: February 2010

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2011-12)	(2012-13)	(2013-14)	(2014-15)	(2015-16)
Enrollment (Fall Census)					
Projected	4	6	8	8	8
Actual	1	2	2	1	1
Difference from Projected	-3	-4	-6	-7	-7
Degrees (Fiscal Year)					
Projected	0	0	0	2	2
Actual	0	0	0	1	0
Difference from Projected	0	0	0	-1	-2

Requested additional information from the offering unit as part of the Academic Review and Planning process. Current review cycle is Academic Year 2015-16 with a final report due Academic Year 2016-17 that includes input from outside reviewers. Nationwide and at CU Boulder, enrollments in Arts and Humanities disciplines have declined significantly since 2011 so the enrollment and degree figures provided in February 2010 do not reflect this significant market change. The department is working with the CU Boulder Consortium of Doctoral Studies in Literatures and Cultures to improve this academic program, but it is also considering a change in focus to its MA degree.

International Baccalaureate, IBA

CU Board of Regents Approved: February 2012

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2014-15)	(2015-16)	(2016-17)	(2017-18)	(2018-19)
Enrollment (Fall Census)					
Projected	10	17	23	30	35
Actual	2	3	1	n/a	n/a
Difference from Projected	-8	-14	-22	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	0	0	5	10
Actual	0	0	n/a	n/a	n/a
Difference from Projected	0	0	n/a	n/a	n/a

Two substantive actions have occurred on the Boulder campus in the past eight months to address below expected enrollments and degree production in the International Baccalaureate program. First, oversight for the IBA program has shifted from the Vice Provost for Undergraduate Education to the Associate Dean for Natural Sciences in the College of Arts & Sciences that is the academic home for the IBA program. Second, concentrate student recruitment efforts to geological sciences and focus exchange participation to one institutions with an established and successful relationship; These focused efforts will allow the Boulder campus to grow the IBA program in one discipline and institution before expanding to additional disciplines and institutions.

Please note that this degree program has very low financial costs and generates savings as CU students are able to take some coursework offered remotely.

Jewish Studies, BA

CU Board of Regents Approved: February 2012

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2012-13)	(2013-14)	(2014-15)	(2015-16)	(2016-17)
Enrollment (Fall Census)					
Projected	30	40	50	52	52
Actual	6	8	11	11	7
Difference from Projected	-24	-32	-39	-41	-45
Degrees (Fiscal Year)					
Projected	5	8	10	12	12
Actual	7	4	2	5	n/a
Difference from Projected	2	-4	-8	-7	n/a

Requested additional information from the Program in Jewish Studies part of the Academic Review and Planning process. Current review cycle is Academic Year 2015-16 with a final report due Academic Year 2016-17 that includes input from outside reviewers. This is an inter-disciplinary program so faculty associated with the program are rostered in other academic units. Nationwide and at CU Boulder, enrollments in Arts and Humanities disciplines have declined significantly since 2011 so the enrollment and degree figures provided in February 2012 do not reflect this significant market change. The program degree production is closer to the expected number awarded. This is probably associated with the tendency of students who are awarded degrees in the humanities often do not register in those majors until late in their academic careers.

Architectural Engineering, MS

CU Board of Regents Approved: February 2012

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2013-14)	(2014-15)	(2015-16)	(2016-17)	(2017-18)
Enrollment (Fall Census)					
Projected	17	24	43	53	60
Actual	14	15	15	20	n/a
Difference from Projected	-3	-9	-28	-33	n/a
Degrees (Fiscal Year)					
Projected	5	10	14	17	20
Actual	10	5	7	n/a	n/a
Difference from Projected	5	-5	-7	n/a	n/a

Enrollment projections for this degree program in the degree proposal submitted in February 2012 did not accurately gauge market demand for this degree program. First year enrollments were near projected level but the program has not experienced growth rates of 20% or greater as detailed in the degree plan proposal. To improve enrollment projections for new degree programs, the campus is improving methods for enrollment projections internally and exploring the purchase of external resources to improve market demand projections. This degree program does not require additional campus resources since courses offered for the Master's degree in architectural engineering are part of the doctorate in architectural engineering.

Architectural Engineering, PhD

CU Board of Regents Approved: February 2012

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2013-14)	(2014-15)	(2015-16)	(2016-17)	(2017-18)
Enrollment (Fall Census)					
Projected	5	9	12	17	20
Actual	11	14	18	16	n/a
Difference from Projected	6	5	6	-1	n/a
Degrees (Fiscal Year)					
Projected	0	2	3	4	5
Actual	4	3	3	n/a	n/a
Difference from Projected	4	1	0	n/a	n/a

On average, enrollments and degree production in this degree program meet or exceed projections provided in January 2012.

German Studies, PhD

CU Board of Regents Approved: April 2012

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2013-14)	(2014-15)	(2015-16)	(2016-17)	(2017-18)
Enrollment (Fall Census)					
Projected	2	4	6	8	8
Actual	3	7	8	8	n/a
Difference from Projected	1	3	2	0	n/a
Degrees (Fiscal Year)					
Projected	0	0	0	2	2
Actual	0	0	0	n/a	n/a
Difference from Projected	0	0	0	n/a	n/a

Actual enrollments meet or exceed expectations with degree completions usually lagged by five years for this discipline.

Computer Science, BA

CU Board of Regents Approved: November 2012

<u> </u>	Year 1	Year 2	Year 3	Year 4	Year 5
	(2013-14)	(2014-15)	(2015-16)	(2016-17)	(2017-18)
Enrollment (Fall Census)					
Projected	30	60	100	140	150
Actual	222	457	627	782	n/a
Difference from Projected	192	397	527	642	n/a
Degrees (Fiscal Year)					
Projected	0	0	15	30	30
Actual	4	22	51	n/a	n/a
Difference from Projected	4	22	36	n/a	n/a

Enrollments and degree production in this degree program meet or exceed projections provided in November 2012.

Comparative Ethnic Studies, PhD

CU Board of Regents Approved: February 2013

o b board or regeritor approved in a sociality board							
	Year 1	Year 2	Year 3	Year 4	Year 5		
	(2014-15)	(2015-16)	(2016-17)	(2017-18)	(2018-19)		
Enrollment (Fall Census)							
Projected	4	8	12	16	16		
Actual	1	5	5	n/a	n/a		
Difference from Projected	-3	-3	-7	n/a	n/a		
Degrees (Fiscal Year)							
Projected	0	0	0	0	4		
Actual	0	0	n/a	n/a	n/a		
Difference from Projected	0	0	n/a	n/a	n/a		

Fall 2015 was the first year for a complete admission cycle. Adjusting the enrollment cycle so that the first year for projected enrollment is 2015/16 means that the difference in 2015/16 is +1 and -3 in 2016/17. Enrollments should continue to increase in coming years with degree completions usually lagged by five years for this discipline.

Materials Science and Engineering, MS

CU Board of Regents Approved: February 2013

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2014-15)	(2015-16)	(2016-17)	(2017-18)	(2018-19)
Enrollment (Fall Census)					
Projected	3	7	12	21	25
Actual	5	9	13	n/a	n/a
Difference from Projected	2	2	1	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	0	3	6	10
Actual	1	1	n/a	n/a	n/a
Difference from Projected	1	1	n/a	n/a	n/a

The MS and PhD in Materials Science and Engineering received Regent approval in February 2013 so students enrolled at that time count transfer into this degree program from other degree programs in fall 2013. Fall 2014 enrollments represents the first complete admission cycle to recruit and admit new degree seeking students into the program. Enrollments for fall 2014 were well above the first year expectations. But see also the note above for Architectural Engineering—This degree program does not require additional campus resources since courses offered for the Master's degree are part of the doctorate program. The expected lag between first term enrollment and degree completion is two years for the MS program.

Materials Science and Engineering, PhD

CU Board of Regents Approved: February 2013

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2014-15)	(2015-16)	(2016-17)	(2017-18)	(2018-19)
Enrollment (Fall Census)					
Projected	3	7	14	23	33
Actual	12	24	33	n/a	n/a
Difference from Projected	9	17	23	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	0	0	0	2
Actual	0	1	n/a	n/a	n/a
Difference from Projected	0	1	n/a	n/a	n/a

The MS and PhD in Materials Science and Engineering received approval in winter 2013 and actually accepted existing students who transferred from other degree programs in fall 2013. Fall 2014 enrollments represents the first complete admission cycle to recruit and admit new degree seeking students into the program. Enrollments for fall 2014 were well above the first year expectations. The expected lag between first term enrollment and degree completion is four years for the PhD program.

Engineering Plus, BS

CU Board of Regents Approved: June 2013

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2014-15)	(2015-16)	(2016-17)	(2017-18)	(2018-19)
Enrollment (Fall Census)					
Projected	30	86	137	183	183
Actual	42	66	113	n/a	n/a
Difference from Projected	12	-20	-24	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	0	0	15	31
Actual	0	3	n/a	n/a	n/a
Difference from Projected	0	3	n/a	n/a	n/a

Enrollment projections for this degree program in the degree proposal submitted in June 2013 did not accurately gauge market demand for this degree program. First year enrollments were above projected level but the program did not increase by almost 200% in year 2 as projected. Current growth rates are in excess of 50% growth per year, which is exceptional growth rate for a new degree program. In so much as this degree does not require any unique resources because students only take a different combination of courses already offered for other Engineering BS degrees and given the overall growth in the College, there is no substantive issue here.

Neuroscience, BA

CU Board of Regents Approved: September 2013

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2013-14)	(2014-15)	(2015-16)	(2016-17)	(2017-18)
Enrollment (Fall Census)					
Projected	70	140	210	300	360
Actual	188	424	498	489	n/a
Difference from Projected	118	284	288	189	n/a
Degrees (Fiscal Year)					
Projected	0	0	0	50	70
Actual	46	62	91	n/a	n/a
Difference from Projected	46	62	91	n/a	n/a

Enrollments and degree production in this degree program meet or exceed projections provided in September 2013.

Supply Chain Management, MS

CU Board of Regents Approved: December 2013

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2014-15)	(2015-16)	(2016-17)	(2017-18)	(2018-19)
Enrollment (Fall Census)					
Projected	10	20	30	30	30
Actual	14	11	6	n/a	n/a
Difference from Projected	4	-9	-24	n/a	n/a
Degrees (Fiscal Year)					
Projected	9	19	28	28	28
Actual	12	11	n/a	n/a	n/a
Difference from Projected	3	-8	n/a	n/a	n/a

The usual lag between enrollments and degree completion for this degree program is one years. <u>After an extended vacancy</u>, the Leeds School of Business recently hired an Associated Dean for Graduate Programs with responsibilities including student recruitment for MS degree programs in Leeds. Future enrollment numbers should return to projected levels after one complete recruitment cycle. This person starts March 2017.

Real Estate, MS

CU Board of Regents Approved: December 2013

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2015-16)	(2016-17)	(2017-18)	(2018-19)	(2019-20)
Enrollment (Fall Census)					
Projected	10	20	30	30	30
Actual	2	4	n/a	n/a	n/a
Difference from Projected	-8	-16	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	9	18	27	27	27
Actual	2	n/a	n/a	n/a	n/a
Difference from Projected	-7	n/a	n/a	n/a	n/a

The usual lag between enrollments and degree completion for this degree program is one year. <u>After an extended vacancy</u>, the Leeds School of Business recently hired an Associated Dean for Graduate Programs with responsibilities including student recruitment for MS degree programs in Leeds. Future enrollment numbers should return to projected levels after one complete recruitment cycle. This person starts March 2017.

Master of Studies in Law, MSL

CU Board of Regents Approved: November 2014

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2016-17)	(2017-18)	(2018-19)	(2019-20)	(2020-21)
Enrollment (Fall Census)					
Projected	6	8	10	12	15
Actual	8	n/a	n/a	n/a	n/a
Difference from Projected	2	n/a	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	6	8	10	12	15
Actual	2	n/a	n/a	n/a	n/a
Difference from Projected	-4	n/a	n/a	n/a	n/a

The expected lag between first term enrollment and degree completion is one year. The CU Board of Regents approved this degree program in November 2014 with an initial entry cohort with a complete and comprehensive admission strategy enrolling in fall 2016.

Masters of the Environment, MENV

CU Board of Regents Approved: February 2015

-	Year 1	Year 2	Year 3	Year 4	Year 5
	(2016-17)	(2017-18)	(2018-19)	(2019-20)	(2020-21)
Enrollment (Fall Census)					
Projected	20	45	55	65	75
Actual	34	n/a	n/a	n/a	n/a
Difference from Projected	14	n/a	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	20	25	30	35
Actual	n/a	n/a	n/a	n/a	n/a
Difference from Projected	n/a	n/a	n/a	n/a	n/a

Enrollments in this degree program exceeded projections in its first year. The expected lag between first term enrollment and degree completion is two years.

Environmental Engineering, MS

CU Board of Regents Approved: April 2015

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2016-17)	(2017-18)	(2018-19)	(2019-20)	(2020-21)
Enrollment (Fall Census)					
Projected	10	22	26	30	34
Actual	13	n/a	n/a	n/a	n/a
Difference from Projected	3	n/a	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	10	12	14	16
Actual	n/a	n/a	n/a	n/a	n/a
Difference from Projected	n/a	n/a	n/a	n/a	n/a

Enrollments in this degree program exceeded projections in its first year. The expected lag between first term enrollment and degree completion is two years.

Environmental Engineering, PhD

CU Board of Regents Approved: April 2015

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2016-17)	(2017-18)	(2018-19)	(2019-20)	(2020-21)
Enrollment (Fall Census)					
Projected	8	18	30	34	36
Actual	10	n/a	n/a	n/a	n/a
Difference from Projected	2	n/a	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	0	0	0	8
5Actual	n/a	n/a	n/a	n/a	n/a
Difference from Projected	n/a	n/a	n/a	n/a	n/a

Since the PhD in Environmental Engineering received approval in April 2015, fall 2016 enrollments represent the first cohort from the admission cycle. Two enrollments in fall 2015 represent internal transfers into the degree program. Enrollments for fall 2016 were well above the first year expectations. It is also noteworthy that the CU Boulder graduate program in Environmental Engineering is a top 10 program in the 2017 America's Best Graduate Programs by U.S News & World Report. The expected lag between first term enrollment and degree completion is four years for the PhD program.

Russian Studies, MA

CU Board of Regents Approved: April 2015

Year 1	Year 2	Year 3	Year 4	Year 5
(2016-17)	(2017-18)	(2018-19)	(2019-20)	(2020-21)
2	5	9	10	10
10	n/a	n/a	n/a	n/a
8	n/a	n/a	n/a	n/a
0	2	7	6	8
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
	(2016-17) 2 10 8 0 n/a	(2016-17) (2017-18) 2 5 10 n/a 8 n/a 0 2 n/a n/a	(2016-17) (2017-18) (2018-19) 2	(2016-17) (2017-18) (2018-19) (2019-20) 2 5 9 10 10 n/a n/a n/a 8 n/a n/a n/a 0 2 7 6 n/a n/a n/a n/a

Enrollments in this degree program exceeded projections in its first year. The expected lag between first term enrollment and degree completion is two years.

Technology, Arts and Media, BS

CU Board of Regents Approved: November 2014

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2015-16)	(2016-17)	(2017-18)	(2018-19)	(2019-20)
Enrollment (Fall Census)					
Projected	70	129	180	203	199
Actual	25	99	n/a	n/a	n/a
Difference from Projected	-45	-30	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	0	20	51	50
Actual	n/a	n/a	n/a	n/a	n/a
Difference from Projected	n/a	n/a	n/a	n/a	n/a

The expected lag between first term enrollment and degree completion is four years. Enrollments are shifting between the Technology, Arts and Media, BS program, Computer Science, BA program, and undergraduate degree offerings in the College of Media, Communication, and Information. The four-fold growth in majors between 2015-16 and 2016-17 gives an indication that this program is on track to meet its out-year expectations.

General note regarding programs in the College of Media, Communication, and Information (the following 11 programs): Overall, enrollments are exceeding expectations for the college but numbers for specific degree offerings differ both above and below our original projections. In addition, CMCI has averaged over 300 IUTs (Intra-University Transfers) per year in its first two years. That suggests that overall major numbers at this point in time probably underestimate what long-run enrollment numbers are likely to be. Development of a new college will require internal adjustments as CU Boulder leadership aligns market demands with campus resources.

Media Studies, BA

CU Board of Regents Approved: September 2014

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2015-16)	(2016-17)	(2017-18)	(2018-19)	(2019-20)
Enrollment (Fall Census)					
Projected	60	90	120	180	240
Actual	63	58	n/a	n/a	n/a
Difference from Projected	3	-32	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	12	18	24	36	48
Actual	n/a	n/a	n/a	n/a	n/a
Difference from Projected	n/a	n/a	n/a	n/a	n/a

The expected lag between first term enrollment and degree completion is four years for this degree program. The campus does not expect to award a degree in this program until 2018-19.

Media and Public Engagement, MA

CU Board of Regents Approved: September 2014

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2015-16)	(2016-17)	(2017-18)	(2018-19)	(2019-20)
Enrollment (Fall Census)					
Projected	8	12	16	18	20
Actual	7	12	n/a	n/a	n/a
Difference from Projected	-1	0	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	4	5	7	8
Actual	0	n/a	n/a	n/a	n/a
Difference from Projected	0	n/a	n/a	n/a	n/a

The expected lag between first term enrollment and degree completion is two years for this degree program. The campus does not expect to award a degree in this program until 2016-17.

Media Production, BA

CU Board of Regents Approved: September 2014

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2015-16)	(2016-17)	(2017-18)	(2018-19)	(2019-20)
Enrollment (Fall Census)					
Projected	50	100	150	200	250
Actual	27	70	n/a	n/a	n/a
Difference from Projected	-23	-30	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	10	20	30	40	50
Actual	n/a	n/a	n/a	n/a	n/a
Difference from Projected	n/a	n/a	n/a	n/a	n/a

The expected lag between first term enrollment and degree completion is four years for this degree program.

The campus does not expect to award a degree in this program until 2018-19.

Interdisciplinary Documentary Media Practices, MFA

CU Board of Regents Approved: September 2014

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2015-16)	(2016-17)	(2017-18)	(2018-19)	(2019-20)
Enrollment (Fall Census)					
Projected	5	9	12	15	15
Actual	5	7	n/a	n/a	n/a
Difference from Projected	0	-2	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	0	3	4	4
Actual	0	n/a	n/a	n/a	n/a
Difference from Projected	0	n/a	n/a	n/a	n/a

The expected lag between first term enrollment and degree completion is two years for this degree program. The campus does not expect to award a degree in this program until 2016-17.

Strategic Communication, BS

CU Board of Regents Approved: September 2014

Co Board of Regente Appro		•					
	Year 1	Year 1 Year 2 Year		Year 3 Year 4	Year 5		
	(2015-16)	(2016-17)	(2017-18)	(2018-19)	(2019-20)		
Enrollment (Fall Census)							
Projected	250	275	300	325	350		
Actual	186	521	n/a	n/a	n/a		
Difference from Projected	-64	246	n/a	n/a	n/a		
Degrees (Fiscal Year)							
Projected	50	55	60	65	70		
Actual	n/a	n/a	n/a	n/a	n/a		
Difference from Projected	n/a	n/a	n/a	n/a	n/a		

The expected lag between first term enrollment and degree completion is four years for this degree program. The campus does not expect to award a degree in this program until 2018-19.

Media Research and Practice, PhD

CU Board of Regents Approved: September 2014

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2015-16)	(2016-17)	(2017-18)	(2018-19)	(2019-20)
Enrollment (Fall Census)					
Projected	20	24	26	30	32
Actual	9	18	n/a	n/a	n/a
Difference from Projected	-11	-6	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	5	5	5	5	5
Actual	n/a	n/a	n/a	n/a	n/a
Difference from Projected	n/a	n/a	n/a	n/a	n/a

The expected lag between first term enrollment and degree completion is four plus years for this degree program. The campus does not expect to award a degree in this program until 2018-19 at the earliest.

Intermedia Art, Writing and Performance, PhD

CU Board of Regents Approved: September 2014

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2015-16)	(2016-17)	(2017-18)	(2018-19)	(2019-20)
Enrollment (Fall Census)					
Projected	5	10	12	12	12
Actual	5	6	n/a	n/a	n/a
Difference from Projected	0	-4	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	0	0	1	2
Actual	0	n/a	n/a	n/a	n/a
Difference from Projected	0	n/a	n/a	n/a	n/a

The expected lag between first term enrollment and degree completion is four plus years for this degree program. The campus does not expect to award a degree in this program until 2018-19 at the earliest.

Strategic Communication Design, MA

CU Board of Regents Approved: September 2014

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2016-17)	(2017-18)	(2018-19)	(2019-20)	(2020-21)
Enrollment (Fall Census)					
Projected	0	5	10	10	15
Actual	14	n/a	n/a	n/a	n/a
Difference from Projected	14	n/a	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	0	2	5	5
Actual	n/a	n/a	n/a	n/a	n/a
Difference from Projected	n/a	n/a	n/a	n/a	n/a

The expected lag between first term enrollment and degree completion is two years for this degree program. The campus does not expect to award a degree in this program until 2016-17.

Information Science, BS

CU Board of Regents Approved: September 2014

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2015-16)	(2016-17)	(2017-18)	(2018-19)	(2019-20)
Enrollment (Fall Census)					
Projected	90	180	270	360	360
Actual	2	14	n/a	n/a	n/a
Difference from Projected	-88	-166	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	18	36	54	72	72
Actual	n/a	n/a	n/a	n/a	n/a
Difference from Projected	n/a	n/a	n/a	n/a	n/a

This undergraduate major is moving slowly toward projections because of the campus has not yet been able to deliver on the space requirements needed to fully grow this program. Until the appropriate space can be built, the program will continue to fall well below the fifth-year projection of 360 majors. The expected lag between first term enrollment and degree completion is four years.

Information Science, PhD

CU Board of Regents Approved: September 2014

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2016-17)	(2017-18)	(2018-19)	(2019-20)	(2020-21)
Enrollment (Fall Census)					
Projected	3	8	13	18	23
Actual	5	n/a	n/a	n/a	n/a
Difference from Projected	2	n/a	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	0	0	1	2
Actual	n/a	n/a	n/a	n/a	n/a
Difference from Projected	n/a	n/a	n/a	n/a	n/a

The expected lag between first term enrollment and degree completion is four plus years for this degree program. The campus does not expect to award a degree in this program until 2018-19 at the earliest.

The following approved degree programs do not have enrolled students as of fall 2016 either due to a planned delayed start or a complete admission cycle will not occur until fall 2017:

- Information Science, MS (approved September 2014 with the first entry cohort planned for fall 2018)
- Emergent Technologies and Media Art Practices, PhD (approved September 2014)
- Experience Design, MFA (approved February 2016)
- Computational Linguistics, MS (approved April 2016)
- Atmospheric and Oceanic Sciences, BA (approved June 2016)
- Elementary Education, BA (approved June 2016)
- Leadership and Community Engagement, BA (approved June 2016)
- Organizational Leadership, MS (approved November 2016)

University of Colorado Colorado Springs

Criminal Justice, MCJ

CU Board of Regents Approved: January 2011

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2011-12)	(2012-13)	(2013-14)	(2014-15)	(2015-16)
Enrollment (Fall End-of-Term)					
Projected	14	15	17	18	19
Actual	20	21	30	31	38
Difference from Projected	6	6	13	13	19
Degrees (Fiscal Year)					
Projected	0	3	4	5	5
Actual	6	3	5	8	7
Difference from Projected	6	0	1	3	2

The MCJ at UCCS was a shared program with Denver. Spring 2011 was the last admit term for the CRJU which was converted to CRJU-MCJ in Spring 2011.

Inclusive Early Childhood Education, BI

CU Board of Regents Approved: July 2013

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2014-15)	(2015-16)	(2016-17)	(2017-18)	(2018-19)
Enrollment (Fall End-of-Term)					
Projected	20	41	63	88	103
Actual	38	59	n/a	n/a	n/a
Difference from Projected	18	18	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	0	0	13	16
Actual	1	2	n/a	n/a	n/a
Difference from Projected	1	2	n/a	n/a	n/a

Accounting, MS

CU Board of Regents Approved: April 2015

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2015-16)	(2016-17)	(2017-18)	(2018-19)	(2019-20)
Enrollment (Fall End-of-Term)					
Projected	32	34	37	39	41
Actual	7	n/a	n/a	n/a	n/a
Difference from Projected	-25	n/a	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	n/a	n/a	n/a	n/a	n/a
Actual	0	n/a	n/a	n/a	n/a
Difference from Projected	n/a	n/a	n/a	n/a	n/a

Engineering Education, BS

CU Board of Regents Approved: April 2015

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2015-16)	(2016-17)	(2017-18)	(2018-19)	(2019-20)
Enrollment (Fall End-of-Term)					
Projected	7	12	18	23	31
Actual	2	n/a	n/a	n/a	n/a
Difference from Projected	-5	n/a	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	0	0	5	10
Actual	0	n/a	n/a	n/a	n/a
Difference from Projected	0	0	0	-5	-10

The following degrees were approved in late 2015 and data are not yet available:

- Inclusive Elementary Education, BA (September 2015)
- Exercise Science, MS (approved September 2015)
- Athletic Training, MS (approved September 2015)

University of Colorado Denver

Engineering & Applied Science, PhD

CU Board of Regents Approved: September 2011

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2011-12)	(2012-13)	(2013-14)	(2014-15)	(2015-16)
Enrollment (Fall Census)					
Projected	0	9	22	34	47
Actual	0	5	24	40	49
Difference from Projected	0	-4	2	6	2
Degrees (Fiscal Year)					
Projected	0	0	0	0	4
Actual	0	0	0	1	4
Difference from Projected	0	0	0	1	0

Mathematics Education, MSEd

CU Board of Regents Approved: June 2012

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2012-13)	(2013-14)	(2014-15)	(2015-16)	(2016-17)
Enrollment (Fall Census)					
Projected	32	42	48	53	55
Actual	1	5	4	14	13
Difference from Projected	-31	-37	-44	-39	-42
Degrees (Fiscal Year)					
Projected	12	12	15	17	19
Actual	3	2	5	6	n/a
Difference from Projected	-9	-10	-10	-11	n/a

Comments: As noted previously, the original enrollment projections for this program were based on the assumption that the majority of students who considered enrolling in either the School of Education and Human Development's (SEHD) MA in Curriculum and Instruction with an emphasis in Mathematics, or this new program offering an MSEd, would chose the MSEd. This did not happen and enrollment in the MA in Curriculum and Instruction (C&I) with a focus in Mathematics has remained strong. Together the two programs (MA in C&I with a Mathematics emphasis and the MSEd) have increased enrollment from 25 students in AY 2012-13 (24 in the MA and 1 in MSEd) to 41 students in AY2015-16. The addition of new courses provided by the MSEd has certainly contributed to this 65% increase in enrollment for teachers in this most important STEM discipline.

In retrospect, if it was known that students would not chose the MSEd over the MA in C&I, a more realistic enrollment projection would have been for 5 new students each year in the 2 year program (10 students total in the program). The enrollment in Fall 2015 was 14 students. The MSEd has graduated 16 students, two of whom entered the SEHD's PhD program.

Recently the program leader of the MSEd was awarded an NSF grant the work for which will be conducted in multiple schools in Aurora and may lead to additional enrollment in the MSEd program. While the program has not met the original (made on the basis of an assumption that proved to be erroneous) projections, it has exceeded more realistic goals and contributed to growth overall all in STEM master's degree options in Curriculum and Instruction.

The inability of the MSEd program to meet its enrollment goals has not negatively impacted the SEHD because the enrollment in the MA in C&I with a Mathematics focus has been maintained, while the MSEd has added 14 students who undertake many of the same courses. Therefore, the SEHD can continue to deliver the curricula for both degrees without incurring additional costs for instruction.

Integrative & Systems Biology, PhD

CU Board of Regents Approved: June 2012

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2012-13)	(2013-14)	(2014-15)	(2015-16)	(2016-17)
Enrollment (Fall Census)					
Projected	3	7	12	16	20
Actual	0	3	8	10	14
Difference from Projected	-3	-4	-4	-6	-6
Degrees (Fiscal Year)					
Projected	0	0	0	0	2
Actual	0	0	0	0	n/a
Difference from Projected	0	0	0	0	n/a

Comments: The approval of this PhD program occurred later in 2012 compared to the initial timetable and planning of the program. As the program did not receive approval from the Board of Regents and subsequent CCHE approval until late summer, it was too late to seek applications for AY2012-13. Instead, the program decided that AY2012-2013 academic year would be used for further planning, recruitment, and roll-out of the program. As there were no students recruited, the program did not need, nor did they receive, the funding for stipends and tuition outlined in the initial budget. During AY 2012-13, the program received only a small amount of money that was used for recruitment of students for AY 2013-14.

The enrollment table that was submitted with the initial proposal, indicated that the program would begin enrolling students in AY2012-13 such that 2015-16 would be year 4. However, the delayed implementation of the program meant that AY2013-14 was the first year in which students were enrolled. In the first 3 years that it has been enrolling students (AY 2013-14, AY 2014-15 and AY 2015-16) the program matriculated 11 students, one of whom was not retained in AY2015-16, leaving an enrollment of 10 students in year 2015-16. This fell short by only 2 students compared to the initial projection of 12 students for the third year of operation of the program. However as mentioned above the delay in implementation of the program resulted in AY2015-16 being the 3rd year of operation of the program, whereas the initial enrollment table indicated that it would be the 4th year in which the program enrolled students.

Looking ahead, the current enrollment is 14 students with another student planning a Spring 2017 enrollment. Thus, compared to the initial enrollment projection of 16 students in year 4 of active enrollment, the program expects to be only one student below the projection. The program has already begun actively recruiting 4 additional students for enrollment in Fall 2017 and anticipates graduating its first students in spring 2017.

The ISB program is critical for the education of graduate students and to conduct research that expands the productivity of the Department of Integrative Biology. Since implementation of the program, the department has been able to recruit high-quality research faculty, and increase grant funding and research productivity in the Department of Integrative Biology.

Architecture, BS*

CU Board of Regents Approved: September 2012

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2012-13)	(2013-14)	(2014-15)	(2015-16)	(2016-17)
Enrollment (Fall Census)					
Projected	51	174	282	357	420
Actual	37	113	243	282	358
Difference from Projected	-14	-61	-39	-75	-62
Degrees (Fiscal Year)					
Projected	0	0	43	58	90
Actual	0	0	24	37	n/a
Difference from Projected	0	0	-19	-21	n/a

^{*}Includes Architecture and Pre-Architecture majors

Comments: The enrollment projections for the BS Architecture that were included in the submission of the original proposal for the degree were derived in the late summer of 2012. This was one and a half years before the budget for the College of Architecture and Planning (CAP) was finalized (in an MOU between the Dean of CAP and CU Denver leadership in April 2014) following its separation from its previous consolidation with the programs at CU Boulder. The final budget amount allocated for the College was approximately 30% less than what was anticipated in 2012 when the degree proposal was developed. For example, for FY 2014-15, the budget allocation was reduced from \$1,008,201 to \$738,277. Included in the April 2014 MOU was an acknowledgment that the BS in Architecture would not have the required number of teaching faculty and financial resources to offer as many course sections and thereby grow the enrollment as fast as originally projected. The revised enrollment targets for the BS in Architecture included in the MOU were:

Headcount	Fall	Spring								
Enrollment	2013	2014	2014	2015	2015	2016	2016	2017	2017	2018
Total	98	119	188	201	260	241	329	305	377	344

Using the revised enrollment numbers, the enrollment target for Fall 2015 was 260 and the actual enrollment was 282. The revised MOU also included estimates for production of student credit hours (SCH) which for Fall 2015 was 1,467 and Spring 2015 was 1,677. The actual SCH far exceeded these expectations (2,439 for Fall and 2,513 for spring) exceeding the model in the revised MOU by 1,812 SCH (157%) for the 2015-16 academic year.

Bioengineering, BS*

CU Board of Regents Approved: September 2012

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2013-14)	(2014-15)	(2015-16)	(2016-17)	(2017-18)
Enrollment (Fall Census)					
Projected	35	77	126	184	216
Actual	27	67	81	112	n/a
Difference from Projected	-8	-10	-45	-72	n/a
Degrees (Fiscal Year)					
Projected	0	0	0	35	44
Actual	0	0	0	n/a	n/a
Difference from Projected	0	0	0	n/a	n/a

^{*}Includes Bioengineering and Pre-Bioengineering majors

<u>Comments</u>: The program fell short of the original enrollment goals for AY 2015-16 due primarily to faulty assumptions made in our original budget mode and also the difficulty in creating a new department and almost simultaneously developing graduate (MS and PhD) and undergraduate offerings.

In retrospect, the enrollment estimates for the BS program contained errors in three areas: 1. the number and academic quality of the applicant pool and subsequent acceptances; 2. retention rate (which was predicted to be 100%); and 3. student pathways.

While the number of applicants has increased dramatically over the first 4 (including 2016) years, only about half of these students met the program's academic pre-requisites, and less than 65% of those accepted enrolled in the program. The program anticipates that a successful accreditation by ABET in Fall 2017, along with the continued growth in the reputation of the Department and its graduate programs, will attract applicants with a stronger academic background and will increase the acceptance rate of students who are accepted by the program.

The second issue that the program has encountered is student retention. The program is very rigorous and involves developing key competencies in biology, medicine and engineering. 11% of students change their major or leave the program following the first semester core course, and only 56% of the initial cohort will graduate the program in 4 years. The program is tackling this issue through a variety of means, including assessing the students for key prerequisites prior to acceptance and providing enhancing learning opportunities in key topics through "boot-camps," peer-student mentoring, and other approaches.

The third issue for the program is that the student pathways conflicted with the model used to project enrollment. The model proposed a single pathway in which all students entered the program as freshmen and continue with 100% retention to sophomores. However, 65% of the pre-major (PRBE) students transfer or bring college credits with them such that they only need to take 8 core BIOE credits which they complete in one year. Such students are counted as entering the program in its second year. The program has now engaged K-12 partners, Colorado Community Colleges, the Office of Admissions, the Transfer Center and the College of Engineering and Applied Science campus to ensure that prospective students connect with the program early in their college decision-making process. It is encouraging that the numbers of applicants and admits for Fall 2016 has increased.

The program also hopes that the recognition of the accomplishments of the graduate programs and of the research of the faculty will also enhance the visibility and interest in the BS program. The graduate programs in bioengineering were recently ranked #63 in the country by US News and World Report, which given that they have only been in existence since 2010, is one of the fastest growth trajectories for bioengineering programs, and already places them as the top graduate program in Bioengineering/Biomedical Engineering in Colorado. Students who have graduated from the department's MS and PhD programs have obtained excellent jobs in Colorado and elsewhere.

The reputation of the research performed by faculty and students in the department has resulted in significant success in obtaining research funding in areas such as next-generation treatments for diabetes, novel methods for diagnosing heart disease in children, artificial hands for soldiers needing upper-limb prosthetics, new methods for regrowing nerves after spinal cord injury, and customized solutions for patients with severe cognitive or physical disabilities. In AY 2015-16 the average research expenditures per tenure-track / tenured faculty in the department was \$930k/faculty. This is one of the highest such metrics amongst any program in Colorado, and speaks to the outstanding success of our program in attracting highly competitive research grants into the University of Colorado. In addition, based on their inventions faculty in the department have started 8 companies, one of which was recently acquired. Students in the BS program have opportunities to participate in many of these activities, a particularly unique opportunity for undergraduate students at CU.

Budget Adjustments: Despite the reduced headcount, the Department of Bioengineering must still offer the full curriculum to the 15 students completing their final year. In 2016-2017 we are offering 112 undergraduate credit hours. Given that many of these credits are comprised of time-intensive labs, 174 total contact hours are required to offer the full curriculum. Although the instructional costs for these undergraduate students have escalated, the department adjusted its expenses using other funds (research funds from the Center for Bioengineering and commitments from the School of Medicine at CU Anschutz, Children's Hospital Research Institute, and University of Colorado Hospital) to leverage salaries for teaching faculty, instructional expenses, and faculty recruitments to support its teaching mission. While the budget for the undergraduate and graduate programs provides support for 7.25 FTE instructional faculty, the department is able to support 15.35 FTE through its varied budget sources.

To further stretch its instructional FTEs, both the undergraduate and graduate programs have cross-listed courses in an attempt to boost enrollments. The program will also investigate streamlining its instructional expenses by hiring Lecturers or TAs as needed. It will also re-evaluate the curriculum to ensure that it offers appropriate coursework and section sizes to its pre-major students. Further modifications of course offerings and admission/transfer standards may increase its matriculation numbers.

Ethnic Studies, BA

CU Board of Regents Approved: November 2012

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2013-14)	(2014-15)	(2015-16)	(2016-17)	(2017-18)
Enrollment (Fall Census)					
Projected	36	38	40	42	44
Actual	23	42	40	44	n/a
Difference from Projected	-13	4	0	2	n/a
Degrees (Fiscal Year)					
Projected	16	16	11	11	11
Actual	10	12	15	n/a	n/a
Difference from Projected	-6	-4	4	n/a	n/a

Education and Human Development, BA*

CU Board of Regents Approved: April 2013

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2013-14)	(2014-15)	(2015-16)	(2016-17)	(2017-18)
Enrollment (Fall Census)					
Projected	40	87	139	172	200
Actual	0	102	162	212	n/a
Difference from Projected	-40	15	23	40	n/a
Degrees (Fiscal Year)					
Projected	0	0	22	33	44
Actual	0	0	11	n/a	n/a
Difference from Projected	0	0	-11	n/a	n/a

^{*} Originally named Teaching, Learning and Development; renamed Education and Human Development, November 2014.

School Psychology, PsyD

CU Board of Regents Approved: December 2013

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2014-15)	(2015-16)	(2016-17)	(2017-18)	(2018-19)
Enrollment (Fall Census)					
Projected	22	44	51	56	56
Actual	28	45	50	n/a	n/a
Difference from Projected	6	1	-1	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	6	8	13	13
Actual	0	7	n/a	n/a	n/a
Difference from Projected	0	1	n/a	n/a	n/a

Taxation, MS

CU Board of Regents Approved: April 2014

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2014-15)	(2015-16)	(2016-17)	(2017-18)	(2018-19)
Enrollment (Fall Census)					
Projected	12	22	29	31	31
Actual	3	17	20	n/a	n/a
Difference from Projected	-9	-5	-9	n/a	n/a
Degrees (Fiscal Year)					
Projected	4	12	16	18	18
Actual	2	2	n/a	n/a	n/a
Difference from Projected	-2	-10	n/a	n/a	n/a

Comments: The MS in Taxation program was approved quite late in the 2013-14 academic year (CCHE approval came in May) resulting in a late start in recruitment and only three students were recruited for the first year. In the second year the recruitment was more successful resulting in 14 new students. However, because of the low enrollment in the previous year it again failed to reach its target. To attract additional enrollment, the program offered scholarships to offset the higher tuition compared to other programs, such as the MS in Accounting, in the Business School. In addition, the program has developed a number of strategies to raise its visibility among both graduate and undergraduate students of the Business School and within the larger Denver business community.

Applied Geography and Geo-Spatial Science, MA

CU Board of Regents Approved: April 2014

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2014-15)	(2015-16)	(2016-17)	(2017-18)	(2018-19)
Enrollment (Fall Census)					
Projected	0	10	24	32	38
Actual	0	13	18	n/a	n/a
Difference from Projected	0	3	-6	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	0	10	12	18
Actual	0	0	n/a	n/a	n/a
Difference from Projected	0	0	n/a	n/a	n/a

Public Service, BA

CU Board of Regents Approved: November 2015

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2015-16)	(2016-17)	(2017-18)	(2018-19)	2019-20
Enrollment (Fall Census)					
Projected	0	42	84	119	153
Actual	0	10	n/a	n/a	n/a
Difference from Projected	0	-32	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	0	12	14	33
Actual	0	n/a	n/a	n/a	n/a
Difference from Projected	0	n/a	n/a	n/a	n/a

University of Colorado Anschutz Medical Campus

Rehabilitation Science, PhD

CU Board of Regents Approved: July 2010

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2011-12)	(2012-13)	(2013-14)	(2014-15)	(2015-16)
Enrollment (Fall Census)					
Projected	2	4	6	9	12
Actual	3	4	7	9	7
Difference from Projected	1	0	1	0	-5
Degrees (Fiscal Year)					
Projected	0	0	0	0	2
Actual	0	0	0	1	1
Difference from Projected	0	0	0	1	-1

<u>Comments</u>: The enrollment projection was for 12 students in AY 2015-16 including the two students who enrolled in year 1 who were predicted to graduate in year 5. Both of those students graduated prior to Fall 2015 and were not included in the census. In addition, it was predicted that the program would admit three new students in Fall 2015, however the applicant pool did not include any exceptional candidates. The program therefore made the decision to not admit any new students rather than admit students who were at risk of not being able to perform at a high standard. A number of factors contributed to the weak pool and to achieve a stronger pool in Fall 2016, the program: 1) Increased the number of research faculty who can serve as mentors; 2) Entirely revised the program website to better reflect the current focus of the program; and 3) Initiated an aggressive recruitment campaign.

Modern Human Anatomy, MS

CU Board of Regents Approved: February 2012

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2012-13)	(2013-14)	(2014-15)	(2015-16)	(2016-17)
Enrollment (Fall Census)					
Projected	5	12	17	22	27
Actual	5	24	43	45	51
Difference from Projected	0	12	26	23	24
Degrees (Fiscal Year)					
Projected	0	3	6	7	10
Actual	0	4	12	21	n/a
Difference from Projected	0	1	6	14	n/a

Anesthesiology, MS

CU Board of Regents Approved: November 2012

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2013-14)	(2014-15)	(2015-16)	(2016-17)	(2017-18)
Enrollment (Fall Census)					
Projected	8	15	24	26	28
Actual	7	16	26	31	n/a
Difference from Projected	-1	1	2	5	n/a
Degrees (Fiscal Year)					
Projected	0	0	7	7	9
Actual	0	0	6	n/a	n/a
Difference from Projected	0	0	-1	n/a	n/a

Health Services Research, Policy and Administration, MS

CU Board of Regents Approved: November 2012

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2013-14)	(2014-15)	(2015-16)	(2016-17)	(2017-18)
Enrollment (Fall Census)					
Projected	3	7	11	15	16
Actual	0	5	7	5	n/a
Difference from Projected	-3	-2	-4	-10	n/a
Degrees (Fiscal Year)					
Projected	0	0	3	4	7
Actual	0	1	1	n/a	n/a
Difference from Projected	0	1	-2	n/a	n/a

<u>Comments</u>: The program has experienced unanticipated challenges in attaining its enrollment projections. One of the problems has been similarity with a track in the MPH program. Faculty in the School of Public Health recently approved consolidation of the track in the MPH and the MS in HSRPA into the single MS HSPRA program. This should aid enrollment. The faculty also anticipate that developing a strong track record of job placement for graduates of the program will also aid recruiting efforts and enrollment.

The initial budget only included modest costs for administration (\$10,000/yr) and instructional costs of \$2,000 to each faculty who supervised the research project of a student in their second year in the program. Implementation of the HSPRA did not require the development of any new courses. Despite the failure of the program to reach its enrollment projections, its modest costs have ensured that the MS-HSRPA remains revenue positive for the department. We will continue to monitor enrollment and see if the consolidation with the track in the MPH succeeds and determine if other interventions are required.

Biomedical Science & Biotechnology, MS

CU Board of Regents Approved: September 2014

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2015-16)	(2016-17)	(2017-18)	(2018-19)	(2019-20)
Enrollment (Fall Census)					
Projected	10	24	31	35	38
Actual	12	30	n/a	n/a	n/a
Difference from Projected	2	6	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	9	14	15	18
Actual	0	n/a	n/a	n/a	n/a
Difference from Projected	0	n/a	n/a	n/a	n/a

Palliative Care, MS

CU Board of Regents Approved: September 2015

	Year 1	Year 2	Year 3	Year 4	Year 5
	(2015-16)	(2016-17)	(2017-18)	(2018-19)	(2019-20)
Enrollment (Fall Census)					
Projected	0	18	36	43	50
Actual	0	16	n/a	n/a	n/a
Difference from Projected	0	-2	n/a	n/a	n/a
Degrees (Fiscal Year)					
Projected	0	0	12	16	18
Actual	0	n/a	n/a	n/a	n/a
Difference from Projected	n/a	n/a	n/a	n/a	n/a