

Unit Profile (version 2) for Psychology and Neuroscience

University of Colorado at Boulder Academic Review and Planning 2009-2010

Introduction

Version 1: mid Sept. Version 2: late October.

This profile describes and compares one unit to others at CU-Boulder. Measures and overall format were specified by the office of the Associate Vice Chancellor for Faculty Affairs, which administers the Academic Review and Planning (ARP) process. Data are compiled, associated with units, and displayed by the institutional analysis area of Planning, Budget, and Analysis (PBA).

Profiles for 60 units are posted at <http://www.colorado.edu/pba/depts/arp/> as PDF's and as RTF (rich text format; open in MS-Word) files. The RTF files can be readily used for cutting/pasting and adding comments in "track changes."

The sections listed below are designed to be relatively independent. However, certain terms and concepts appear throughout. Please see Appendix 2 for definitions of the key concepts of

- The "value" column in most tables
- Rank within all units, and rank within units in the same review cycle
- Per TTT – per tenured and tenure track faculty member with share of tenure locus in the unit, excluding the chancellor and the provost

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1: Academic Offerings

This section lists currently active Regent-approved degree programs, associated active majors and major codes, and active concurrent bachelor's-master's programs. For all these offerings, "active" means with no end date listed on the Student Information System (SIS).

Also listed are major options or tracks recorded on SIS with bachelor's degrees awarded, any undergraduate minors awarded, and course subjects with enrollment. These are empirical determinations from a check of the most recent three fiscal years of degrees and of course enrollments, through spring 2009. Major options have been associated with majors empirically, by joint appearance on degree records.

The listing for a unit may show no approved degree programs, or no concurrent bachelor's-master's programs, or no use of major options, or no minors, or no course subjects – in all cases, this reflects the absence of such in the offerings or the data for the most recent three fiscal years.

See Section 7, Undergraduate Program Goals and Emphases, for catalog statements of program goals and emphases, undergraduate programs only.

Approved degree programs: **Psychology**

BA - Started before 1988

- Major: PSYCHOLOGY (PSYC)

MA - Started before 1988

- Major: PSYCHOLOGY (PSYC) (Through the PhD program only)

PHD - Started before 1988

- Major: PSYCHOLOGY (PSYC)

Concurrent bachelor's-master's program(s); listed as bachelor's (/master's-if-different), with eith

- Psychology (Cognitive) (Codes PSY2 - PSY2)

Course subjects with enrollment FY2007 - FY2009

- PSYCHOLOGY (PSYC)

2: Faculty and Staff

Data are from the academic or fiscal year 2008-2009, counted as of October 1, 2008, except as noted.

Employees by job category – Counts of all employees whose highest or top appointment is associated with the unit. This is headcount. Includes leave with/ without pay and part-time appointments. Employees are counted in one unit only. See Appendix 2 for definition of “top appointment.” See <http://www.colorado.edu/pba/facstaff/fac20087.htm> for all-campus figures. These are positions FILLED as of 10-1-2008, not budgeted or approved positions. After the summary table, the same employees are listed again by job code or class and title.

Employees with top appointment in the unit, by top job category			Non-Student employees	Student employees	Total
Academic	Tenured/tenure track (TTT)		41		41
	Instructional not TTT	Instructors/sr instr	5		5
		Other (hon/lec/visit/adj...)	11		11
		TA/GPTI/other students		41	41
	Research not TTT		55		55
		Student RAs		25	25
Instr/rsrch, or admin	Student assistants		1	1	
Classified staff		15		15	
Student hourly			27	27	
Total employees			127	94	221

Employees with top appointment in the unit, by top job category with top job codes/classes and titles	Non-Student employees	Student employees
Academic		
Tenured/tenure track (TTT)		
1100 DISTINGUISHED PROFESSOR	2	
1101 PROFESSOR	17	
1102 ASSOCIATE PROFESSOR	14	
1103 ASST PROFESSOR	8	
Instructional not TTT		
Instructors/sr instr		
1104 SENIOR INSTRUCTOR	4	
1105 INSTRUCTOR	1	
Other (hon/lec/visit/adj...)		
1409 PROFESSOR ADJUNCT	1	
1419 LECTURER	9	
1438 POST-DOCTORAL FELLOW	1	
TA/GPTI/other students		
1503 GRAD PART-TIME INSTRUCTOR		1
1506 TEACHING ASSISTANT		40
Research not TTT		
1303 ASST PROFESSOR-RESEARCH	2	
1305 SR RESEARCH ASSOCIATE	1	
1306 RESEARCH ASSOCIATE	22	
1310 PROFESSIONAL RESEARCH ASST	30	
Student RAs		
1505 RESEARCH ASSISTANT		25
Instr/rsrch, or admin		
Student assistants		
3204 PRE DR TRAINEE		1
Classified staff		
B1C3XX ACCOUNTING TECHNICIAN III	2	
C9A2XX ANIMAL CARE II	1	
G2C3XX CUST SUPPORT COORD II	1	
G3A3XX ADMIN ASSISTANT II	1	
G3A4XX ADMIN ASSISTANT III	1	
G3A5XN OFFICE MANAGER I	1	
H2I5XX IT PROFESSIONAL III	1	
H2I6XX IT PROFESSIONAL IV	1	
H4R1XX PROGRAM ASSISTANT I	4	
H6G2TN GENERAL PROFESSIONAL II	1	
H6G3XN GENERAL PROFESSIONAL III	1	
Student hourly		
4101 STUDENT ASST I		13
4102 STUDENT ASST II		4
4103 STUDENT ASST III		5
4104 STUDENT ASST IV		4
4106 STUDENT ASST VI		1
	127	94

Tenured and tenure-track faculty – Counts of all tenured and tenure-track (TTT) individuals affiliated with the unit via tenure locus (full or shared), PeopleSoft appointment, status as PI (principal investigator, includes co-PI) on a grant with expenditures booked in the unit, or authorized release of information from the annual faculty report of professional activity (FRPA) to non-tenure-granting units only. Limited to individuals with tenured/tenure-track status and any appointment on PeopleSoft **as of October 1, 2008**. Includes individuals whose highest or top appointment is in a different unit. Excludes individuals whose tenure or post-tenure reviews are no longer the responsibility of this unit.

The three-part table shows counts for several subsets of the TTT affiliates group. Data on tenure locus and status and FRPA release are from Faculty Affairs; PI data are from general ledger/accounting records; other data are from PeopleSoft HR, which we know understates collaborative and honorific appointments and may carry different demographic information than other records. The “budget roster” is not used.

The last subset is individuals with a share of tenure locus in the unit, excluding chancellor and provost. Individuals with locus in two units are counted as one-half in each. This is the denominator for all “per-TTT” calculations in this profile. Throughout the profile, “TTT” means “tenured and tenure-track faculty.”

The number of TTT affiliates (line 1 of the table below) will always be as great or greater than the number of TTT with top (non-administrative) appointments shown on the prior table, and will always be as great or greater than the TTT denominator.

See Appendix 2, Definitions, for an explanation of the columns in this and similar tables throughout the profile. See Section 8 for a list of all affiliated tenured and tenure-track with info on affiliation.

Affiliated tenured and tenure-track individuals 10-1-2008 – Part 1	Value	Rank, of all units	Rank, of units in own review cycle
TTT affiliates: Number of individuals affiliated via tenure locus, appt, PI status, FRPA release. <i>All other counts are subsets of this.</i>	45	6 (of 60)	1 (of 8)
N w top appt as professor (distinguished, full, assoc, asst) in unit – matches <i>Tenured/tenure track (TTT)</i> line of prior table	41	5 (of 50)	1 (of 5)
Others – TTT affiliates without top appt as professor (any rank) in unit	4	18 (of 60)	4 (of 8)
Administrative appointments			
With chancellor or provost appt	0	4 (of 60)	1 (of 8)
With vice-chancellor (not provost) or associate VC appt	0	9 (of 60)	3 (of 8)
With dean or associate dean appt	0	15 (of 60)	2 (of 8)
Collaborations and honorific appointments – Recorded on PeopleSoft only			
With distinguished professor title	2	3 (of 60)	1 (of 8)
Percentage	4%	4 (of 60)	1 (of 8)
With endowed or named chair or professorship	0	8 (of 60)	1 (of 8)
Percentage	0%	8 (of 60)	1 (of 8)
With Howard Hughes Medical Institute (HHMI) title	0	4 (of 60)	2 (of 8)
N w recorded affiliation w a research institute, by appointment, PI status, or authorization of FRPA release (100% for research institutes not shown or included in ranks)	15	1 (of 53)	1 (of 5)
Percentage	33%	7 (of 53)	2 (of 5)

Affiliated tenured and tenure-track individuals 10-1-2008 – Part 2	Value	Rank, of all units	Rank, of units in own review cycle
Demographic characteristics recorded on PeopleSoft			
Female	14	6 (of 60)	1 (of 8)
Percentage	31%	33 (of 60)	2 (of 8)
International (not US citizen or permanent resident; see definitions Appendix 2)	1	20 (of 60)	2 (of 8)
Percentage	2%	35 (of 60)	3 (of 8)
Minority race/ethnic status (Asian American, African American, Hispanic/Latino, Native American)	7	8 (of 60)	1 (of 8)
Percentage of US with known race/ethnicity	16%	26 (of 60)	3 (of 8)
Underrepresented minority (African American, Hispanic/Latino, Native American)	1	17 (of 60)	2 (of 8)
Percentage	0	39 (of 60)	6 (of 8)

Affiliated tenured and tenure-track individuals 10-1-2008 – Part 3	Value	Rank, of all units	Rank, of units in own review cycle
Appointment operating characteristics recorded on PeopleSoft			
On leave with pay (usually sabbatical)	1	22 (of 60)	2 (of 8)
On leave without pay	0	15 (of 60)	4 (of 8)
100% time, counting all appointments in all units. Includes HHMI appts.	45	4 (of 60)	1 (of 8)
Tenure locus and status (from Faculty Affairs)			
With tenure locus in this unit. <i>Remaining counts and percentages subset this number.</i>	44	6 (of 60)	1 (of 8)
Percentage	98%	32 (of 60)	5 (of 8)
Individuals with tenure locus in multiple units	0	15 (of 47)	3 (of 5)
Percentage	0%	15 (of 47)	3 (of 5)
Tenured	36	2 (of 47)	1 (of 5)
Percentage	82%	4 (of 47)	1 (of 5)
TTT denominator: Share of tenure locus in the unit, excluding chancellor and provost. <i>This is the denominator for all "per-TTT" calculations in this profile.</i>	44.0	5 (of 60)	1 (of 8)

Faculty salaries and comparison to peers – Academic year, contract salaries for CU-Boulder and American Association of Universities (AAU) public peers. Peer salaries are matched by discipline to the CU-Boulder unit. From the annual posting of comparisons; see <http://www.colorado.edu/pba/facstaff/facsal/2008-2009/index.htm> for full results and details on methods.

Faculty salaries Fall 2008	Value
CU-Boulder average salaries	
Full professor (includes distinguished)	\$124,898
Associate professor	\$81,782
Assistant professor	\$71,383
Full, associate, & assistant combined	\$100,333
Instructor and senior instructor	\$46,642
AAU public peer average salaries for this discipline	
Full professor (includes distinguished)	\$126,141
Associate professor	\$79,010
Assistant professor	\$68,823
Full, associate, & assistant combined	\$99,513
CU-Boulder average as a percentage of AAU public peer average for the discipline	
Full professor (includes distinguished)	99%
Associate professor	104%
Assistant professor	104%
Full, associate, & assistant combined	101%

Dissertation advising – A measure of the extent to which dissertation advising is centered on a few faculty members in a unit, vs. spread over all members. Calculated by Fred Pampel of Sociology for Academic Review and Planning. Based on students receiving PhD's summer 2001 through spring 2006, the period requested by NRC, the National Research Council study of the research doctorate. Both committee chairs and dissertation section instructor records were consulted. Shown for units with doctoral programs reported to NRC only; this excludes doctoral programs in music, education, business, and classics.

Interpretation: If advising is done by a few faculty only, the percentage of dissertations supervised by the 20% most active will be 50-100%. If spread fully over all faculty, it will be around 20%. The higher the percentage, the less equal the sharing of supervision duties within a department. The higher the percentage of faculty with no dissertation advisees, the less equal the sharing of supervision duties within a department.

The dissertation committees and dissertation section instructors are posted in an interactive facility searchable by student or faculty name:

<http://pba.colorado.edu/sasweb/guidegr/NRC/faclistresourcesPUBLIC.htm>.

Dissertation advising sharing summer 2001 through spring 2006	Value	Rank, of all units	Rank, of units in own review cycle
Pct of dissertations supervised by the 20% most active faculty	48%	18 (of 37)	2 (of 5)
Pct of faculty with no dissertation advisees in the period	17%	20 (of 37)	2 (of 5)

3: Research, Scholarship, and Creative Work

Activities of TTT individuals in research, scholarship, and creative work – Each year, faculty are asked to report their professional activities via FRPA, the Faculty Report of Professional Activity. FRPA data are maintained by the Office of Faculty Affairs in the Faculty Information System.

The table shows counts of activities for each of 7 years reported by tenured and tenure-track (TTT) individuals (only!) affiliated with this unit via tenure locus (full or shared), 10-1-2008 appointment on PeopleSoft HR, or grant PI status in or FRPA release authorization to a unit not granting tenure. Counts are shown as total per average number of 10-1-2008 affiliates reporting per year to adjust for unit size. Example: 25 affiliates, average 22 reporting per year. 440 total articles reported over 7 years = 440 / 22 = average of 20 for the 7 year period per 10-1-2008 affiliate.

FRPA reports are tied to calendar year, with a given book or publication reported in one year only. See Appendix 3 for how FRPA reporting codes are grouped into the broader categories listed. See <https://frpadb.colorado.edu/pls/frpa> for more about FRPA.

Seven years of activity in research, scholarship, and creative work – of TTT individuals affiliated with this unit as of 10-1-2008	Value	Rank, of all units	Rank, of units in own review cycle
Number of individuals affiliated via tenure locus, appt on HR 10-1-2008, PI status, FRPA release	45	6 (of 60)	1 (of 8)
Number of these individuals w activity rpt'd to FRPA for calendar year			
2002	26	9 (of 60)	1 (of 8)
2003	34	5 (of 60)	1 (of 8)
2004	33	6 (of 60)	1 (of 8)
2005	33	7 (of 60)	1 (of 8)
2006	38	6 (of 60)	1 (of 8)
2007	33	10 (of 60)	1 (of 8)
2008	38	8 (of 60)	1 (of 8)
Average N per year	34	7 (of 60)	1 (of 8)
Total 7-year activities of 10-1-2008 individuals / average N reporting each year			
Refereed books and monographs	0.4	33 (of 56)	2 (of 8)
Textbooks	0.0	40 (of 40)	6 (of 6)
Edited books	0.2	24 (of 50)	2 (of 7)
Refereed articles and chapters	29.5	11 (of 60)	3 (of 8)
Conference presentations and papers	33.2	20 (of 60)	4 (of 8)
Creative works			

Grant expenditures – Data from the Office of Contracts and Grants annual report on sponsored research by unit. “Direct” shows expenditures recorded in the unit itself. “After allocation” shows expenditures after allocation from non-tenure-granting units (including institutes) to tenure-granting departments based on the tenure locus of the principal investigator; proportionately allocated for co-PI’s and for shared tenure locus. This allocation is done in PBA reporting only. For more information on methods and the full report, see <http://www.colorado.edu/pba/facstaff/research/index.htm>.

Grant expenditures (\$ thousands) Last year = FY2009	Value	Rank, of all units	Rank, of units in own review cycle	5-Yr % change
Last 5 Years (direct)	\$48,716	8 (of 56)	3 (of 8)	
Last 5 Years (after allocation)	\$84,797	8 (of 56)	2 (of 8)	
Last Year (direct)	\$8,642	10 (of 52)	3 (of 8)	38%
Per TTT (Share of tenure locus in the unit, excluding chancellor and provost)	\$196	7 (of 43)	2 (of 5)	38%
Last Year (after allocation)	\$16,059	6 (of 52)	1 (of 8)	47%
Per TTT	\$365	9 (of 43)	3 (of 5)	47%

Space – Square feet of building space associated with a unit. Extracted by PBA in 2009 from CU-Boulder Facilities Management databases. Also shows the portion classified as classrooms, laboratories, and office space.

Space 2009	Value	Rank, of all units	Rank, of units in own review cycle
Total square feet	84,438	5 (of 59)	2 (of 8)
Per TTT (Share of tenure locus in the unit, excluding chancellor and provost)	1,919	11 (of 47)	3 (of 5)
Percent classified as			
Classrooms			
Laboratories	44%	18 (of 40)	6 (of 8)
Office space	56%	41 (of 59)	3 (of 8)

Collaborative activities – Units with doctoral programs only – In 2006-07 Planning, Budget, and Analysis catalogued two types of collaborative activities of doctoral programs for submission to the National Research Council (NRC) study of the research doctorate. A maximum of 10 of each type per program could be submitted. These activities are tallied below, then listed individually. For a complete list for all programs, see <http://www.colorado.edu/pba/nrc/CollabActiv.xls>.

Collaborative activities 2006-2007	Value	Rank, of all units	Rank, of units in own review cycle
Number of interdisciplinary centers, programs, or clinics in which the greatest number of doctoral students in this unit participate	7	9 (of 32)	3 (of 6)
Number of other programs the doctoral program in this unit collaborates with for organized training activities (e.g., training grants, certificate programs, joint degree programs)	10	2 (of 30)	1 (of 6)

Interdisciplinary centers, programs, and clinics in which doctoral students in this unit participate:

- IBG: Institute for Behavior Genetics at CU-Boulder
- IBS: Institute of Behavioral Science at CU-Boulder
- ICS: Institute of Cognitive Science at CU-Boulder
- Coleman Institute for Cognitive Disabilities at the University of Colorado, in Boulder
- Center for Neuroscience at CU-Boulder
- Center for Values and Social Policy at CU-Boulder
- GCRC: General Clinical Research Center at CU-Boulder

Other programs the doctoral program in this unit collaborates with for organized training activities (e.g. training grants, certificate programs, joint degree programs):

- CU-Boulder Interdisciplinary PhD Program in Cognitive Science and Graduate Certificate Program in Cognitive Science in CU-Boulder Institute of Cognitive Science (ICS)
- CU-Boulder Interdisciplinary PhD Program in Neuroscience with CU-Boulder Center for Neuroscience
- Training Grant in Biological Sciences: National Institute of Mental Health (NIMH) to CU-Boulder Institute of Behavioral Genetics
- Training Grant in Developmental Behavioral Genetics: National Institute of Child Health and Human Development (NICHD) to CU-Boulder Institute of Behavioral Genetics
- Training Grant in Genetics of Substance Abuse: National Institute on Drug Abuse (NIDA) to CU-Boulder Institute of Behavioral Genetics
- CU-Boulder Leeds School of Business
- Graduate Certificate Program In Environment, Policy, & Society through the CU-Boulder Graduate School
- Graduate Certificate Program in Applied Behavioral Science with CU-Boulder Institute of Behavioral Science (IBS)
- Graduate Certificate Program in Behavioral Genetics with CU-Boulder Institute of Behavioral Genetics (IBG)
- Graduate Certificate Program in Neuroscience and Behavior with the CU-Boulder Center for Neuroscience

4: Undergraduate Education

See Section 1: Academic Offerings for currently active degrees offered, associated majors, major options or tracks, minors, and course subjects taught. See Section 7: Undergraduate Program Goals and Emphases, for catalog statements. See Section 6: Instruction -- Graduate and Undergraduate Combined, for undergraduate as a percentage of total.

Bachelor's degrees – Degrees granted in fiscal year 2008-2009 (summer, fall, spring) with undergraduate majors associated with this unit. Includes second and third majors. For bachelor's degrees by major for the last five fiscal years, see <http://www.colorado.edu/pba/degrees/deg/vl/fy5/progbach.htm>.

Time to degree by major is based on degrees granted in FY 2008 plus the trailing summer, to students entering as new freshmen. Time to degree is measured in years (12 months) of elapsed time, not enrolled time. Examples: Enter fall X, graduate fourth spring = 3.67; graduate fourth summer = 4.0. For more on methods and for full results, see <http://www.colorado.edu/pba/degrees/ttd/>.

Bachelor's degrees awarded in FY 2008-2009	Value	Rank, of all units	Rank, of units in own review cycle	5-Yr % change
Total bachelor's degrees	493	2 (of 44)	1 (of 5)	17%
Per TTT (Share of tenure locus in the unit, excluding chancellor and provost)	11.2	5 (of 43)	1 (of 5)	17%
Pct earning concurrent master's	0%	13 (of 44)	2 (of 5)	-100%
Pct with honors in the major	4%	26 (of 44)	4 (of 5)	-30%
Pct with a major option or track recorded	0%	13 (of 44)	1 (of 5)	
Median time to degree in years, students entering as new freshmen only – <i>Rank 1 is the shortest, not longest, time to degree.</i>	3.7	1 (of 44)	1 (of 5)	
N in median time to degree stat	390			

Undergraduate majors – All students enrolled fall census (third week) 2008 with undergraduate majors associated with this unit, as first or second major, primary or secondary degree. Includes students in extended-studies only, and on UCB study abroad. For enrollment each fall (for ten years) by department and student level, with listings for individual majors, see <http://www.colorado.edu/pba/concepts/pbadeptenrl.htm>.

Undergraduate majors and minors as of census, fall 2008	Value	Rank, of all units	Rank, of units in own review cycle	5-Yr % change
Total undergraduate majors	2,138	2 (of 45)	1 (of 5)	10%
Per TTT (Share of tenure locus in the unit, excluding chancellor and provost)	48.6	7 (of 44)	2 (of 5)	10%
Characteristics of total UG majors				
In-state residents	65%	36 (of 45)	5 (of 5)	-2%
Female	70%	10 (of 45)	1 (of 5)	-2%
International (not US citizen or permanent resident)	1%	28 (of 45)	2 (of 5)	44%
Minority race/ethnic status (Asian American, African American, Hispanic/Latino, Native American) as pct of US with known race/ethnicity	16%	17 (of 45)	3 (of 5)	18%
Underrepresented minority status (African American, Hispanic/Latino, Native American)	9%	15 (of 45)	3 (of 5)	26%
Associated w this unit through a second major or secondary degree program only	12%	25 (of 45)	1 (of 5)	28%
Total UG minors				

Undergraduate courses taught – Courses in summer 2008 - spring 2009 associated with the unit (and level) by the course subject and number of the *sponsor course*, not the department of the instructor. SCH = Student credit hours. For multi-year listings by instructor type for all units and further detail on methods, see <http://www.colorado.edu/pba/course/IGroup.xls>. Courses taught through extended studies (continuing education) are not included. Individual course sections are listed with sponsor section (if any) at http://www.colorado.edu/pba/course/IGroup_Detail.xls.

Includes FCQ ratings, from fall/spring only. For background on the FCQ (Faculty Course Questionnaire, student ratings of courses and their instructors) and results for individual instructors and courses, see <http://www.colorado.edu/pba/fcq/>.

Undergraduate courses FY 2008 - 2009	Value	Rank, of all units	Rank, of units in own review cycle	5-Yr % change
Total undergraduate student credit hours (SCH) taught	33,160	3 (of 49)	1 (of 5)	1%
Pct of UG SCH taught by				
TTT	16%	46 (of 49)	5 (of 5)	-49%
Instructor, senior instructor	48%	7 (of 49)	1 (of 5)	-15%
GPTI/TA (student instructors; for-credit sections)	1%	38 (of 40)	5 (of 5)	
All other credit	34%	2 (of 48)	1 (of 5)	216%
Pct of SCH taken by non-majors – <i>High percentages indicate greater service teaching.</i>	43%	38 (of 49)	3 (of 5)	
Change in SCH when <u>non</u> -sponsor sections are assoc'd w unit and level by their own course subject and number	77	9 (of 49)	1 (of 5)	-62%
Average size of sections in fall & spring taught by				
TTT	48	26 (of 48)	5 (of 5)	-3%
Instructor, senior instructor	105	6 (of 47)	1 (of 5)	-27%
GPTI/TA (credit)	41	9 (of 35)	1 (of 4)	
All other credit	68	8 (of 47)	1 (of 5)	30%
Total	74	5 (of 48)	1 (of 5)	-6%
FCQ ratings as % of maximum possible, averaged over forms returned				
Course rating	76%	16 (of 48)	1 (of 5)	-6%
Instructor rating	82%	17 (of 48)	1 (of 5)	-4%

What students say

Results from the most recent **annual spring survey of graduating seniors about their post-graduation plans**, from respondents in degree programs associated with this unit. All results are shown as percentages of respondents selecting a response or group of responses. Results are shown for 6 or more respondents only. For full results, including results by major or program, see http://www.colorado.edu/pba/surveys/senior_plans/09/.

Percentage of graduating seniors saying spring 2009 they were planning on	Value	Rank, of all units	Rank, of units in own review cycle
Full or part-time employment	55%	16 (of 38)	2 (of 5)
Full or part-time graduate school	30%	12 (of 37)	3 (of 5)
Other (travel, student teaching, volunteer, military, family, other)	15%	30 (of 37)	3 (of 5)

Results from the **spring 2009 NSSE, National Survey of Student Engagement** (this is the most recent available). Although NSSE is administered to freshmen and seniors, these results are for seniors only, in this unit only. All results are shown as percentage of maximum possible response. Results are shown for 6 or more respondents only. For additional results, see <http://www.colorado.edu/pba/surveys/NSSE/09/>. The website as of Oct '09 shows preliminary, NSSE-provided results. Additional results will be posted as they become available.

What seniors say spring 2009 – Pct of maximum positive rating of	Value	Rank, of all units	Rank, of units in own review cycle
Availability of courses needed for the major	75%	19 (of 39)	4 (of 5)
Academic quality of major program	78%	19 (of 39)	3 (of 5)
Quality of academic advising from college or department	63%	15 (of 39)	2 (of 5)
Availability of advisors in college or department	65%	22 (of 39)	3 (of 5)

Results from the **spring 2008 senior survey** (the most recent available), from respondents referring to degree programs associated with this unit. All results are shown as percentage of maximum possible response. Results are shown for 6 or more respondents only. For full results, including results by major or program, see <http://www.colorado.edu/pba/surveys/senior/08/index.htm>. The website includes a facility to generate graphs highlighting one major or program vs. others at CU-Boulder (see “by major graphs” in the sidebar).

What seniors say spring 2008 – Pct of maximum positive rating of	Value	Rank, of all units	Rank, of units in own review cycle
Program’s meeting their educational goals	70%	24 (of 43)	5 (of 5)
Satisfaction with . . . in the major			
Academic experience	74%	20 (of 44)	2 (of 5)
Opportunities for interaction with faculty	63%	35 (of 44)	3 (of 5)
Advising on course selection & academics	59%	24 (of 44)	4 (of 5)
Advising on careers & future	43%	29 (of 44)	4 (of 5)
How well UCB prepared student for job market	58%	33 (of 43)	5 (of 5)

5: Graduate Education

See Section 1: Academic Offerings section for currently active degrees offered, associated majors, major options or tracks, minors, and course subjects taught. See Section 6: Instruction -- Graduate and Undergraduate Combined for totals and undergraduate as a percentage of total instruction.

Master’s and doctoral degrees – Degrees granted in fiscal year 2008-2009 (summer, fall, spring) with graduate-level majors associated with this department. Includes second majors. For master’s and doctoral degrees by major for the last five fiscal years, see <http://www.colorado.edu/pba/degrees/deglvl/fy5/progmast.htm> and <http://www.colorado.edu/pba/degrees/deglvl/fy5/progdoc.htm>.

Time to degree is based on degrees granted in the three fiscal years through FY 2008-2009. A year is 12 months, measured with elapsed time, not enrolled time. The starting point is the student’s first enrollment in the program *and level*. Doctoral students earning master’s “en route” are generally excluded from master’s time-to-degree calculations because they never appear as a master’s student on SIS.

Graduation rates are the percentage of a cohort entering a program, who earn a degree in that program in a specified number of calendar years counted from fall entry (August/September) through the Nth summer term (August). E.g., enter fall 2004, graduate summer 2008 = within 4 years. The rates are based on three-year entering cohorts to provide statistical stability.

- Master’s: 2- and 3-year graduation rates for a single 3-year cohort, entering in three fall terms combined, as a master’s student (coded on SIS as seeking a master’s degree, admitted for master’s study). The cohort entered fall 2004 and the two following fall terms. This is the most recent three years of entering students with full opportunity to graduate through their third summer.
- Doctoral: Cohorts are formed from students first observed any term over a three-year period summer through spring as a doctoral student (admitted for doctoral study, coded on SIS as seeking a doctoral degree). The cohort for a given graduation rate is that entering in the most recent three years with full opportunity to graduate in the specified time. For example, with degree data through summer 2009, students entering in fall 2003, 2004, and 2005 all had 4 years of opportunity to graduate; they form the cohort for the 4-year graduation rate. Rates for 4, 5, 6, 7, 8, and 10 years are shown. Because each rate is for a different cohort, it is possible to show, say, a 5-year graduation rate higher than an 8-year rate. This would indicate that students starting later, graduated faster.
- Doctoral 4-year graduation rates are unusually high for joint PhD programs (neuroscience, cognitive science) and for programs where many students enter as master’s students and complete substantial work before being classified as doctoral students (integrated physiology is an example).

If the three-year cohort used for time to degree and graduation rates is fewer than four students then the associated measure is left blank and not counted in the ranks. The counts for each cohort are shown in the table.

Graduate-level degrees awarded FY 2008 - 2009	Value	Rank, of all units	Rank, of units in own review cycle	5-Yr % change
Total master’s degrees	12	23 (of 44)	2 (of 5)	0%
Per TTT (Share of tenure locus in the unit, excluding chancellor and provost)	0.3	35 (of 42)	2 (of 5)	0%
Pct earning concurrent bachelor’s	0%	14 (of 43)	2 (of 5)	-100%
Median time to degree in years – <i>Rank 1 is the shortest, not longest, time to degree.</i>				
N in median time to degree stat				
2-year graduation rate				
3-year graduation rate				
N in grad rate cohort				

Graduate-level degrees awarded FY 2008 - 2009	Value	Rank, of all units	Rank, of units in own review cycle	5-Yr % change
Total doctoral degrees	19	4 (of 40)	1 (of 6)	73%
Per TTT	0.4	8 (of 39)	1 (of 5)	73%
Median time to degree in years – <i>Rank 1 is the shortest, not longest, time to degree.</i>	6.0	23 (of 37)	4 (of 6)	
N in median time to degree stat	36			
Graduation rates: Percentage graduating within				
4 years	4%	24 (of 38)	3 (of 5)	-29%
5 years	17%	24 (of 38)	3 (of 5)	-36%
6 years	53%	16 (of 39)	5 (of 6)	0%
7 years	65%	10 (of 39)	5 (of 6)	-4%
8 years	63%	20 (of 37)	5 (of 6)	-13%
10 years	65%	17 (of 36)	2 (of 5)	1%
Graduation rates: N in cohorts for				
4 years	48			
5 years	53			
6 years	55			
7 years	54			
8 years	52			
10 years	49			

Graduate-level majors – All students enrolled fall census 2008 with graduate-level majors associated with this department. Includes first and second majors, primary and secondary degrees, students enrolled through extended studies only. For enrollment each fall for ten years by department and student level, with listings for individual majors, see <http://www.colorado.edu/pba/concepts/pbadeptenrl.htm>.

Graduate-level majors, fall census 2008	Value	Rank, of all units	Rank, of units in own review cycle	5-Yr % change
Total majors	87	17 (of 46)	1 (of 6)	5%
Total master's majors	2	38 (of 45)	4 (of 5)	0%
Per TTT (Share of tenure locus in the unit, excluding chancellor and provost)	0.0	39 (of 43)	5 (of 5)	0%
Total doctoral majors	85	9 (of 40)	1 (of 6)	5%
Per TTT	1.9	25 (of 39)	3 (of 5)	5%
Characteristics of total graduate-level majors				
Doctoral level	98%	7 (of 46)	2 (of 6)	0%
In-state residents	77%	16 (of 46)	3 (of 6)	18%
Female	57%	19 (of 46)	3 (of 6)	-8%
International (not US citizen or permanent resident)	6%	30 (of 46)	4 (of 6)	-52%
Minority race/ethnic status (Asian American, African American, Hispanic/Latino, Native American) as pct of US with known race/ethnicity	4%	43 (of 46)	5 (of 6)	-71%
Underrepresented minority status (African American, Hispanic/Latino, Native American)	3%	39 (of 46)	5 (of 6)	-41%
Associated w this unit through a second major or secondary degree program only	2%	15 (of 46)	3 (of 6)	-5%

Graduate-level matriculants – Students new to graduate-level work at CU-Boulder entering a major (master's or doctoral) associated with this unit in fall term 2008. Some units do not require GRE's for some programs or some applicants. GRE analytical writing scores are not currently available on SIS.

Graduate-level fall matriculants	Value	Rank, of all units	Rank, of units in own review cycle	5-Yr % change
Number	18	17 (of 44)	3 (of 5)	0%
Pct Colorado resident	22%	29 (of 44)	4 (of 5)	33%
Pct US non-resident	78%	4 (of 44)	1 (of 5)	0%
Pct international (not US citizen or permanent resident)	0%	34 (of 44)	5 (of 5)	-100%
Number with GRE scores	13	22 (of 44)	3 (of 5)	-19%
Average GRE scores (from SIS)				
Verbal	589	14 (of 40)	1 (of 5)	-4%
Quantitative	698	20 (of 40)	4 (of 5)	5%
Analytic				

Teaching and research assistantships – See Section 1, Faculty and Staff.

Graduate-level courses taught – Courses in summer 2008 - spring 2009 associated with the unit (and level) by the course subject and number of the *sponsor course*, not the department of the instructor. SCH = Student credit hours. For multi-year listings by instructor type for all units, see <http://www.colorado.edu/pba/course/IGroup.xls>. Courses taught through extended studies (continuing education) are not included. Individual course sections are listed with sponsor section (if any) at http://www.colorado.edu/pba/course/IGroup_Detail.xls.

Includes FCQ ratings, from fall/spring only. For background on the FCQ (Faculty Course Questionnaire, student ratings of courses and their instructors) and results for individual instructors and courses, see <http://www.colorado.edu/pba/fcq/>.

Graduate-level courses FY 2008 - 2009	Value	Rank, of all units	Rank, of units in own review cycle	5-Yr % change
Total graduate-level student credit hours (SCH) taught	1,409	15 (of 48)	1 (of 5)	-11%
Pct of SCH taught by				
TTT	87%	32 (of 48)	5 (of 5)	-2%
Instructor, senior instructor	0%	25 (of 28)	2 (of 2)	
GPTI/TA (student instructors; for-credit sections)				
All other	13%	13 (of 40)	1 (of 5)	20%
Change in SCH when non-sponsor sections are assoc'd w unit and level by their own course subject and number	102	22 (of 48)	3 (of 5)	200%
FCQ ratings as % of maximum possible, averaged over forms returned				
Course rating	86%	2 (of 42)	1 (of 5)	-5%
Instructor rating	90%	3 (of 42)	2 (of 5)	-4%

What students say – Results from the fall 2005 graduate survey (the most recent available, next administration fall 2009), from respondents in degree programs associated with this unit. All results are shown as percentage of maximum possible response. Results are shown for 6 or more respondents only. For full results, including results by program separately for master's and doctoral students, see <http://www.colorado.edu/pba/surveys/grad/05/index.htm>.

What graduate students say, fall 2005 – Pct of maximum positive rating of	Value	Rank, of all units	Rank, of units in own review cycle
Program quality	75%	5 (of 42)	2 (of 5)
Relationship between faculty and graduate students	63%	19 (of 42)	4 (of 5)
Program space and facilities	57%	7 (of 42)	3 (of 5)
Academic advising and guidance	58%	15 (of 42)	3 (of 5)
Assistance finding employment	54%	13 (of 42)	2 (of 5)
Opportunity to interact across disciplines	57%	16 (of 42)	3 (of 5)

6: Instruction -- Graduate and Undergraduate Combined

Definitions of degrees, majors, and SCH are as in Sections 4 and 5.

This table adds one measure: Direct instructional expenditures. General fund (fund 10) expenditures, FY 2009, for salaries of faculty and others (account 400000 (salaries and wages)); operating expenses (account 450000); travel (account 700000); and 21.2% of salaries to represent benefits. Sponsored research activity is not included. This is the definition called for by the National Study of Instructional Costs and Productivity, also known as the Delaware Study. CU-Boulder submits data by unit to the Delaware Study annually. See <http://www.colorado.edu/pba/course/delaware/ovv.htm> for details.

Caution: The “direct instructional expenditure” represents only the portion of instructional costs actually incurred in the unit (plus benefits). Costs for buildings, electricity, the library, accounting, administration, student services, and so on are not included. Furthermore, the type of expenditure in a unit will necessarily differ depending on whether the unit is itself a school or college, vs. a unit within a school or college.

Graduate & undergraduate combined	Value	Rank, of all units	Rank, of units in own review cycle	5-Yr % change
Total degrees FY 2009	524	2 (of 50)	1 (of 6)	18%
Per TTT (Share of tenure locus in the unit, excluding chancellor and provost)	11.9	5 (of 46)	1 (of 5)	18%
Pct undergraduate	94%	9 (of 50)	1 (of 6)	-1%
Total majors fall census 2008	2,225	2 (of 50)	1 (of 6)	10%
Per TTT	50.6	7 (of 46)	2 (of 5)	10%
Pct undergraduate	96%	5 (of 50)	1 (of 6)	0%
Total student credit hours (SCH) taught FY 2009	34,569	3 (of 51)	1 (of 5)	0%
Per TTT	785.7	20 (of 46)	1 (of 5)	0%
Pct undergraduate	96%	19 (of 51)	3 (of 5)	1%
Pct of courses with course fees, AY 2009	75%	40 (of 50)	5 (of 5)	
Direct instructional expenditure FY 2009				
Dollars (millions)	\$7.77	6 (of 50)	1 (of 5)	
Per SCH	\$225	30 (of 50)	5 (of 5)	

7: Undergraduate Program Goals and Emphases

Undergraduate degree program emphases and goals for students, as stated in the catalog.

Collected from the catalog *only* for units undergoing review in 2009-2010. For goals for other units offering undergraduate degrees, search for the unit name at <http://www.colorado.edu/catalog/catalog09-10/>. Will show below as “no data” for units not offering undergraduate degrees and for units not undergoing review in this cycle.

- **Undergraduate program goals and emphases:** No data.

8: List of Tenured and Tenure-Track Faculty

The **first table shows TTT affiliates**: All tenured and tenure-track (TTT) individuals affiliated with the unit via tenure locus (full or shared), PeopleSoft appointment, status as PI (principal investigator, includes co-PI) on a grant with expenditures booked in the unit, or authorized release of information from the annual faculty report of professional activity (FRPA) to non-tenure-granting units only. Limited to individuals with tenured/tenure-track status and any appointment on PeopleSoft **as of October 1, 2008**. Includes individuals whose highest or top appointment is in a different unit. Excludes individuals whose tenure or post-tenure reviews are no longer the responsibility of this unit. These are the same individuals counted in the “Tenured and tenure-track faculty” table in Section 2, Faculty and Staff.

The column “Top’ appt Big3, this unit” is “Yes” for individuals counted as TTT in the “employees by job category” table at the top of Section 2. “Big3” means full, associate, assistant, or distinguished professor. The column “N yrs FRPA” shows the number of the seven calendar years through 2008 this individual shows books, publications, or creative work reported to FRPA (see Section 3).

Tenure locus 1 and 2 are shown with PBA department or unit codes; the codes are listed in Appendix 1 along with unit names. The last column, “Contrib to TTT Denom,” is 1.0 for individuals with tenure locus only in this unit, excluding chancellor and provost. It is 0.5 for those with shared tenure locus. This is the denominator for all “per TTT” calculations in this profile.

The **second table** shows the subset of TTT affiliates with **administrative or honorific appointments**, or on leave – if any have such recorded on PeopleSoft.

The **third table** shows the subset of TTT affiliates who contribute to the TTT denominator of this unit and have **affiliations to any other units**; the units themselves are listed along with a note about the nature of the affiliation, a hierarchy with these values:

- A: Tenure locus (or share of locus) in unit
- B: Top appt in unit as prof-assoc-asst (*but not tenure locus*)
- C: Administrative appt in unit including institute director (*but not tenure locus or top appt*)
- D: Appointment in unit (*but not A, B, or C*)
- E: PI on grant in the unit (*but not tenure locus or any appointment*)
- F: Authorized release of FRPA info to unit (*but none of the above*)

The **fourth table** shows the subset of TTT affiliations who do NOT contribute to the TTT denominator of this unit, showing the **nature of their affiliation with this unit** and their tenure department.

The **last table** shows the **PeopleSoft department ID numbers** associated by PBA with the unit, and their PeopleSoft descriptions. Department IDs are used by PBA to associate employees and money with a unit.

TTT Affiliates	Job title	Tenure locus 1	Tenure locus 2	'Top' appt Big3, this unit	Tenured	Rsrch inst	N yrs FRPA	Contrib to TTT denom	% time, all appts
BANICH, MARIE	DIRECTOR-INSTITUTE	PSYC			Yes	Yes	6	1.0	100%
BARTH, DANIEL	PROFESSOR	PSYC		Yes	Yes		6	1.0	100%
BLAIR, IRENE VERNA	ASSOCIATE PROFESSOR	PSYC		Yes	Yes		7	1.0	100%
BLECHMAN, ELAINE A	PROFESSOR	PSYC		Yes	Yes		7	1.0	100%
CAMPEAU, SERGE	ASSOCIATE PROFESSOR	PSYC		Yes	Yes		7	1.0	100%
CAREY, GREGORY	ASSOCIATE PROFESSOR	PSYC		Yes	Yes		0	1.0	100%
CHISZAR, DAVID A	PROFESSOR	PSYC		Yes	Yes		4	1.0	100%

TTT Affiliates	Job title	Tenure locus 1	Tenure locus 2	'Top' appt Big3, this unit	Tenured	Rsrch inst	N yrs FRPA	Contrib to TTT denom	% time, all appts
COHEN, GEOFFREY LAWRENCE	ASSOCIATE PROFESSOR	PSYC		Yes	Yes		1	1.0	100%
COLLINS, ALLAN C	PROFESSOR	PSYC		Yes	Yes	Yes	7	1.0	100%
COLUNGA, ELIANA	ASST PROFESSOR	PSYC		Yes			4	1.0	100%
CURRAN, TIMOTHY	ASSOCIATE PROFESSOR	PSYC		Yes	Yes	Yes	7	1.0	100%
DEFRIES, JOHN C	PROFESSOR	PSYC		Yes	Yes	Yes	7	1.0	100%
DIMIDJIAN, SONA ARMINE	ASST PROFESSOR	PSYC		Yes			3	1.0	100%
HARVEY, LEWIS ORVIS	PROFESSOR	PSYC		Yes	Yes		6	1.0	100%
HEALY, ALICE F	PROFESSOR	PSYC		Yes	Yes	Yes	7	1.0	100%
HERNANDEZ, THERESA D	ASSOCIATE PROFESSOR	PSYC		Yes	Yes		7	1.0	100%
HEWITT, JOHN K	DIRECTOR-INSTITUTE	PSYC			Yes	Yes	7	1.0	100%
ITO, TIFFANY ANNE	ASSOCIATE PROFESSOR	PSYC		Yes	Yes		7	1.0	100%
JESSOR, RICHARD	PROFESSOR	PSYC			Yes	Yes	6	1.0	100%
JONES, MATTHEW CARL	ASST PROFESSOR	PSYC		Yes			1	1.0	100%
JUDD, CHARLES M	PROFESSOR	PSYC		Yes	Yes		2	1.0	100%
KELLER, MATTHEW C	ASST PROFESSOR	PSYC		Yes			0	1.0	100%
KIM, ALBERT E.	ASST PROFESSOR	PSYC		Yes		Yes	3	1.0	100%
MAIER, STEVEN F	DISTINGUISHED PROFESSOR	PSYC		Yes	Yes		3	1.0	100%
MCCLELLAND, GARY	PROFESSOR	PSYC		Yes	Yes		6	1.0	100%
MCGRAW, ALBERT PETER	ASST PROFESSOR	BADM					5	0.0	100%
MCQUEEN, MATTHEW B	ASST PROFESSOR	PSYC		Yes		Yes	3	1.0	100%
MIKLOWITZ, DAVID J	PROFESSOR	PSYC		Yes	Yes		6	1.0	100%
MIYAKE, AKIRA	ASSOCIATE PROFESSOR	PSYC		Yes	Yes		3	1.0	100%
MUNAKATA, YUKO	PROFESSOR	PSYC		Yes	Yes	Yes	6	1.0	100%
O'REILLY, RANDALL CHARLES	PROFESSOR	PSYC		Yes	Yes	Yes	7	1.0	100%
OLSON, RICHARD KELLOGG	PROFESSOR	PSYC		Yes	Yes	Yes	7	1.0	100%
PARK, BERNADETTE	PROFESSOR	PSYC		Yes	Yes		7	1.0	100%
PATTERSON, SUSAN L	ASST PROFESSOR	PSYC		Yes			5	1.0	100%
RHEE, SOO H	ASST PROFESSOR	PSYC		Yes		Yes	7	1.0	100%
RUDY, JERRY W	PROFESSOR	PSYC		Yes	Yes		5	1.0	100%
SILVERN, LOUISE	ASSOCIATE PROFESSOR	PSYC		Yes	Yes		6	1.0	100%
SMOCK, TIM K	ASSOCIATE PROFESSOR	PSYC		Yes	Yes		5	1.0	100%
SPENCER, ROBERT L	PROFESSOR	PSYC		Yes	Yes		6	1.0	100%
STALLINGS, MICHAEL C	ASSOCIATE PROFESSOR	PSYC		Yes	Yes	Yes	7	1.0	100%
VAN BOVEN, LEAF D	ASSOCIATE PROFESSOR	PSYC		Yes	Yes		7	1.0	100%
WATKINS, LINDA R	DISTINGUISHED PROFESSOR	PSYC		Yes	Yes		3	1.0	100%
WEATHERLEY, DONALD A	ASSOCIATE PROFESSOR	PSYC		Yes	Yes		7	1.0	100%
WHISMAN, MARK	PROFESSOR	PSYC		Yes	Yes		5	1.0	100%
WILLCUTT, ERIK G	ASSOCIATE PROFESSOR	PSYC		Yes	Yes	Yes	7	1.0	100%

N = 45

TTT affiliates w administrative or honorific appts, or on leave	Contrib to TTT denom	Disting prof	Endowed or named chair or prof	HHMI	Chancellor, provost appt	VC (not provost), associate VC appt	Dean, associate dean appt	On leave
CHISZAR, DAVID A	1.0							W pay
MAIER, STEVEN F	1.0	Yes						
WATKINS, LINDA R	1.0	Yes						

Unit an individual contributing to this unit's TTT denominator is affiliated with	PBA unit code	Unit is a research institute	Name	How the individual is affiliated with unit listed
Computer Science	CSCI		COLUNGA, ELIANA	D: Appointment in unit
Graduate School	GRAD		DEFRIES, JOHN C	D: Appointment in unit
IBG: Behavioral genetics	IBG	Yes	COLLINS, ALLAN C	E: PI on grant in the unit
IBG: Behavioral genetics	IBG	Yes	DEFRIES, JOHN C	D: Appointment in unit
IBG: Behavioral genetics	IBG	Yes	HEWITT, JOHN K	C: Administrative appt in unit incl inst dir
IBG: Behavioral genetics	IBG	Yes	MCQUEEN, MATTHEW B	D: Appointment in unit
IBG: Behavioral genetics	IBG	Yes	OLSON, RICHARD KELLOGG	E: PI on grant in the unit
IBG: Behavioral genetics	IBG	Yes	RHEE, SOO H	E: PI on grant in the unit
IBG: Behavioral genetics	IBG	Yes	STALLINGS, MICHAEL C	D: Appointment in unit
IBG: Behavioral genetics	IBG	Yes	WILLCUTT, ERIK G	E: PI on grant in the unit
IBS: Behavioral science	IBS	Yes	JESSOR, RICHARD	B: Top appt in unit as prof-assoc-asst
ICS: Cognitive science	COGS	Yes	BANICH, MARIE	E: PI on grant in the unit
ICS: Cognitive science	COGS	Yes	CURRAN, TIMOTHY	F: Authorized release of FRPA info to unit
ICS: Cognitive science	COGS	Yes	HEALY, ALICE F	F: Authorized release of FRPA info to unit
ICS: Cognitive science	COGS	Yes	KIM, ALBERT E.	D: Appointment in unit
ICS: Cognitive science	COGS	Yes	MUNAKATA, YUKO	E: PI on grant in the unit
ICS: Cognitive science	COGS	Yes	O'REILLY, RANDALL CHARLES	E: PI on grant in the unit
N = 17				

How affiliated with THIS unit -- individuals NOT contributing to this unit's TTT denominator	Name	Job title	Tenure department	Second tenure dept if any
D: Appointment in unit	MCGRAW, ALBERT PETER	ASST PROFESSOR	LEEDS SCHOOL OF BUSINESS	
N = 1				

PeopleSoft dept IDs assoc w this unit	Description
10190	PSYCH-PSYCHOLOGY
10191	PSYCH-COMP LAB, PSYCH RSCH INST
10192	PSYCH-PSYCHOLOGY CLINIC
10193	IIP-PSYCHOLOGY

Appendix 1: Units Considered in ARP and in the Rankings

Lists all units slated for Academic Review and Planning (ARP) as of September 2008 – this list is subject to change! Throughout the profile, “Rank, of all units” refers to all units listed below with profiles. “Rank, of units in own review cycle” refers to the review cycles listed below. All profiles are posted at <http://www.colorado.edu/pba/depts/arp/>.

Cycle=2009-2010: Physical Science Departments and Institutes

Unit	Degree types offered	Profile generated	Has majors	Offers courses	Grants tenure	Prior review	PBA code
Applied Mathematics	BMD	Yes	Yes	Yes	Yes	2003	APPM
Astrophysical and Planetary Sciences (APS)	BMD	Yes	Yes	Yes	Yes	2002	APS
Atmospheric and Oceanic Sciences	-MD	Yes	Yes	Yes	Yes	2001	ATOC
Chemistry and Biochemistry	BMD	Yes	Yes	Yes	Yes	2007	CHEM
Coop Inst/Rsrch Environmental Sciences CIRES		Yes				2006	CIRS
Joint Inst for Laboratory Astrophysics (JILA)		Yes				2006	JILA
Mathematics	BMD	Yes	Yes	Yes	Yes	2001	MATH
Physics	BMD	Yes	Yes	Yes	Yes	2001	PHYS
N = 8							

Cycle=2010-2011: Engineering Departments and Programs

Unit	Degree types offered	Profile generated	Has majors	Offers courses	Grants tenure	Prior review	PBA code
Aerospace Engineering Sciences	BMD	Yes	Yes	Yes	Yes	2004	ASEN
Chemical and Biological Engineering	BMD	Yes	Yes	Yes	Yes	2004	CHEN
Civil Envirn & Architectural Engineering	BMD	Yes	Yes	Yes	Yes	2003	CVEN
Computer Science	BMD	Yes	Yes	Yes	Yes	2005	CSCI
Electrical, Computer and Energy Engineering	BMD	Yes	Yes	Yes	Yes	2003	ECEN
Interdisciplinary Telecommunications	-M-	Yes	Yes	Yes		2006	TLEN
Lab for Atmospheric & Space Physics (LASP)		Yes				2006	LASP
Mechanical Engineering	BMD	Yes	Yes	Yes	Yes	2002	MCEN
N = 8							

Cycle=2011-2012: Life Science Departments and Research Institutes

Unit	Degree types offered	Profile generated	Has majors	Offers courses	Grants tenure	Prior review	PBA code
Ecology & Evolutionary Biology	BMD	Yes	Yes	Yes	Yes	2005	EBIO
Geological Sciences	BMD	Yes	Yes	Yes	Yes	2004	GEOL
Inst of Arctic & Alpine Research (INSTAAR)		Yes				2004	INSR
Institute for Behavioral Genetics (IBG)		Yes				2002	IBG
Institute of Cognitive Science (ICS)	--D	Yes	Yes			2000	COGS
Integrative Physiology	BMD	Yes	Yes	Yes	Yes	2001	IPHY
Molecular Cell & Developmental Biology (MCDB)	BMD	Yes	Yes	Yes	Yes	2003	MCDB

Unit	Degree types offered	Profile generated	Has majors	Offers courses	Grants tenure	Prior review	PBA code
Psychology and Neuroscience	BMD	Yes	Yes	Yes	Yes	2004	PSYC
N = 8							

Cycle=2012-2013: Social Science Departments and Research Institutes

Unit	Degree types offered	Profile generated	Has majors	Offers courses	Grants tenure	Prior review	PBA code
Anthropology	BMD	Yes	Yes	Yes	Yes	2005	ANTH
Communication	BMD	Yes	Yes	Yes	Yes	2003	COMM
Economics	BMD	Yes	Yes	Yes	Yes	2004	ECON
Environmental Studies	BMD	Yes	Yes	Yes	Yes	2001	ENVS
Ethnic Studies	B--	Yes	Yes	Yes	Yes	2006	ETHN
Geography	BMD	Yes	Yes	Yes	Yes	2000	GEOG
Institute of Behavioral Science (IBS)		Yes				2002	IBS
International Affairs	B--	Yes	Yes	Yes		2002	IAFS
Linguistics	BMD	Yes	Yes	Yes	Yes	2006	LING
Political Science	BMD	Yes	Yes	Yes	Yes	2002	PSCI
Sociology	BMD	Yes	Yes	Yes	Yes	2001	SOCY
Speech, Language and Hearing Sciences	BMD	Yes	Yes	Yes	Yes	2000	SLHS
Women and Gender Studies	B--	Yes	Yes	Yes	Yes	2006	WMST
N = 13							

Cycle=2013-2014: Professional Schools and Colleges, Library, Continuing Education, and Special Programs

Unit	Degree types offered	Profile generated	Has majors	Offers courses	Grants tenure	Prior review	PBA code
Continuing Education		Yes	Yes			2003	CONT
Honors Program		Yes		Yes		1999	HONR
Leeds School of Business	BMD	Yes	Yes	Yes	Yes	2005	BADM
Library		Yes			Yes	2000	LIBR
Museum	-M-	Yes	Yes	Yes		2006	MUSM
RAPS						2002	
School of Education	-MD	Yes	Yes	Yes	Yes	2005	EDUC
School of Journalism and Mass Communication	BMD	Yes	Yes	Yes	Yes	2003	JOUR
School of Law	--D	Yes	Yes	Yes	Yes	2002	LAWS
N = 9							

Cycle=2014-2015: Academic Affairs

Unit	Degree types offered	Profile generated	Has majors	Offers courses	Grants tenure	Prior review	PBA code
FTEP						2000	
GTP						2000	

Unit	Degree types offered	Profile generated	Has majors	Offers courses	Grants tenure	Prior review	PBA code
ITS						2003	
N = 3							

Cycle=2015-2016: Arts & Humanities Departments, Centers, and College of Music

Unit	Degree types offered	Profile generated	Has majors	Offers courses	Grants tenure	Prior review	PBA code
Anderson Language Technology Center						2008-2009	
Art & Art History	BM-	Yes	Yes	Yes	Yes	2008-2009	AAAH
Asian Languages and Civilizations	BM-	Yes	Yes	Yes	Yes	2008-2009	EALC
Center for Asian Studies						2008-2009	
Center for Humanities and the Arts						2008-2009	CHUA
Center for Medieval & Early Modern Studies						2008-2009	
Classics	BMD	Yes	Yes	Yes	Yes	2008-2009	CLAS
College of Music	BMD	Yes	Yes	Yes	Yes	2008-2009	MUSC
Comparative Literature and Humanities	BMD	Yes	Yes	Yes	Yes	2008-2009	CLHM
English	BMD	Yes	Yes	Yes	Yes	2008-2009	ENGL
Film Studies	B--	Yes	Yes	Yes	Yes	2008-2009	FILM
French and Italian	BMD	Yes	Yes	Yes	Yes	2008-2009	FRIT
Germanic and Slavic Languages and Literature	BM-	Yes	Yes	Yes	Yes	2008-2009	GSSL
History	BMD	Yes	Yes	Yes	Yes	2008-2009	HIST
Philosophy	BMD	Yes	Yes	Yes	Yes	2008-2009	PHIL
Program in Writing & Rhetoric		Yes		Yes		2008-2009	PWRT
Religious Studies	BM-	Yes	Yes	Yes	Yes	2008-2009	RLST
Spanish and Portuguese	BMD	Yes	Yes	Yes	Yes	2008-2009	SPAN
Theatre and Dance	BMD	Yes	Yes	Yes	Yes	2008-2009	THDN
N = 19							

Appendix 2: Definitions

Most of the tables throughout the profile have the following columns:

- *Value*: A count, or an amount of money or space, or a percentage, or a ratio (per TTT). Defined in the row header and in the text introducing the table.
- A blank in the value column means the data are not available on this measure for this unit.
- The symbol ^^ in the value column indicates that the value is not displayed because the number of cases on which it's based is too low for reliability. This occurs occasionally for FCQ's (where N of sections is low), more with GRE scores, and most notably with student surveys, especially the graduate survey. Average ratings from surveys are reported only for 6 or more respondents. FCQ's, GRE's, and time to degree are suppressed if they are based on fewer than 4 cases.
- *Rank, of all units*: Rank on the measure in question in comparison to all CU-Boulder units with profiles which have data on the measure in question. See Appendix 1 for a list of all units with profiles.
- Units with ranks in the top 10 or so (rank = 1, 2, 3, etc.) generally have larger values on the measure – the most majors, most degrees, highest percentage, etc. Units with the fewest majors or degrees, or the lowest percentage of something, will have ranks at the other end – e.g., 50 (of 55) or 32 (of 43).
- Exception!!! For all time-to-degree measures, rank=1 indicates the unit with the *shortest* time to degree, not the longest.
- Although most comparisons include 40-plus departments, schools and colleges, and institutes, the exact number varies with the availability of data and structure of programs. For example, departments without PhD programs do not count in some graduate comparisons; institutes have employees and research activity but generally have no data in the Undergraduate Education section.
- Ranks for units with equal (tied) values are listed as the lowest-numbered rank. For example, if 13 units had one or more bachelor's degrees earned as part of a concurrent bachelor's-master's program (Section 4), units with zero would all show rank 14.
- *Rank, of units in own review cycle*: Same concept as rank of all units, but restricted to those units in the same review cycle. See Appendix 1 for listings.
- *5-Yr % change*: This number equals the increase or decrease (as a percentage) in the measure from its value five years previously for the same unit. Positive values indicate an increase, negative values a decrease, and values near zero mean little change. For example, 50% indicates an increase such as from 20 to 30 faculty. Negative 50% means a decrease such as from 20 to 10 faculty.
- *Not listed in a table if no data available*.

Per TTT: Throughout, the “per TTT” measures are calculated by dividing a count or other amount by the number shown in the Tenured and Tenure-Track (TTT) Faculty table in Section 2, in the last row. This row is labeled “TTT Denominator: Share of tenure locus in the unit, excluding chancellor and provost.” *This is the denominator for all “per-TTT” calculations in this profile.* Individuals with tenure locus in two units contribute one-half to the TTT denominator of each unit.

Top appointment: Used in the first two tables of Section 2, Faculty and Staff, only. Shown in Section 8, list of TTT affiliates.

- Relevant only for individuals with multiple coincident appointments on PeopleSoft HR.
- When an individual has multiple appointments, Planning, Budget, and Analysis uses a hierarchy based on job title, and in some cases percent time and annual salary, to determine the top appointment for each individual for reporting.
- PBA assigns each appointment job title a hierarchy position, then sorts all appointment job titles for an individual by hierarchy position. The lowest-numbered job title hierarchy position determines an individual's top appointment. If an individual has multiple appointments with the same job title hierarchy position then we select the appointment with the larger appointment percent time and annualized salary.
- Hierarchy positions:
 - 1: Campus officers (Chancellor, Provost, and Associate and Assistant Chancellor job titles)

- 2: Institute Director
- 3: Dean and Associate and Assistant Dean job titles
- 4: Administrator job titles with an appointment percent time of 50 percent or greater (professional exempt)
- 5: Tenured and tenure-track professor titles (distinguished, full, associate, and assistant). This group is also known as "Big 3" titles.
- 6: All appointments not explicitly listed in positions 1-5 or 7-9. Includes classified staff and research, clinical, and other instructional faculty (excluding titles in positions 7-9)
- 7: Attendant ranks, Lecturer and Honorarium job titles
- 8: Student job titles (graduate part-time instructor, graduate assistant, teaching assistant, research assistant, and student assistant)
- 9: Post doc.
- If multiple appointments are tied on hierarchy position, percent time, and annual salary, the earlier position entry date is used. If still tied, the appointment with the lower PeopleSoft department ID number is used as an arbitrary tie-breaker to ensure consistency.
- Individuals shown in the "Tenured and tenure-track (TTT)" line of the first table in section 2, on Employees with top appointment in the unit, by top job category, are those whose top appointment is in the unit in hierarchy position 5 in the list above. Also known as Top – Big3.

Degrees

- Degrees with award dates in summer-fall-spring with a major associated with the unit. The major may be the first, second, or third major.
 - Caution: Degrees are generally posted to the student information system a few weeks after commencement. Degrees posted later (even years later) will cause mismatches between counts published in different places.
 - Caution: Low N's, especially for graduate degrees, make comparisons over time or across units tricky.
- *Concurrent master's*: A formal program wherein students earn both bachelor's and master's degrees at the same time, in approved pairings. The two degrees are allowed to share some credit hours, usually six. The major codes end in '2.' For counts over time by program, see <http://www.colorado.edu/pba/concepts/BAMAdegs.htm>.
- *Honors in the major*: Any honors notation on the degree record for the major associated with the unit. These are S, M, C (summa, magna, cum laude) in Arts and Sciences, and D (distinction) in Engineering and Journalism. *Calculation: (non-blank honors variable associated with the student's major in the unit, in trackdb.degall)*
- *Major option or track* recorded: Any notation on SIS on the degree record for the major associated with the unit. Examples: CRW (creative writing) within English; PRO (for the professions) within Spanish. *Calculation: (non-blank option variable associated with the student's major in the unit, in trackdb.degall)*

Majors

- *Majors*: Students enrolled in a term with a major (at census) associated with the unit. The major may be in any position – primary or secondary degree, first or second major. (Third majors are not included.) Includes students enrolled through CU study abroad, students enrolled exclusively through continuing education, and those enrolled through faculty-staff tuition waivers.
- *UG majors*: The student's attempted degree associated with the major in question is a bachelor's degree or undergraduate certificate (for Education only). Concurrent bachelor's-master's students are generally counted under both UG majors and Graduate-level majors.

Characteristics of majors

- *In-state residents*: Classified as in-state for state reporting purposes at census. Census is end of the third week of fall classes. *Calculation: (reporting residency eq 'N')*
- *Female*: From self-reported gender. *Calculation: (gender eq 'F')*
- *International*: Student is not a US citizen or permanent resident on the student information system; from visa and foreign-student information. *Calculation: (reporting ethnicity eq 'Z')*

- *Minority*: Students self-reporting as African American, Asian American, Hispanic/Latino, or American Indian/Native American, as a proportion of total US majors with known race/ethnicity. International students are excluded from the calculation; US means citizens or permanent residents. *Calculation*: (reporting ethnicity in 'A', 'B', 'N', 'H') divided by (reporting ethnicity in 'A', 'B', 'N', 'H', 'W')
- *Underrepresented minority*: Students self-reporting as African American, Hispanic/Latino, or American Indian/Native American, as a proportion of total US majors with known race/ethnicity. International students are excluded from the calculation; US means citizens or permanent residents. *Calculation*: (reporting ethnicity in 'B', 'N', 'H') divided by (reporting ethnicity in 'A', 'B', 'N', 'H', 'W')
- *Associated with this unit through a second major or secondary degree program only*. Counts students with primary-program major-1 in a different unit. *Calculation*: On the bio file, major position not primary major 1.

Student credit hours (SCH)

- Courses are associated with the unit and level by the course subject and number of the **sponsor course**, not the department of the instructor. Courses taught through extended studies (continuing education) are not included.
- We also show *change in SCH when non-sponsor sections are associated with the unit and level by their own course subject and number* rather than by the sponsor-section subject and number. This can be a reduction or increase -- units that sponsor courses in other depts will see reductions here.
- Example: HIST4444/5444 – all are counted under HIST, undergraduate level. In the “change in SCH” measure, the SCH for undergraduate level will be reduced, and that for HIST graduate level will increase. The change in SCH is equal to the SCH generated from enrollment in HIST5444.
- Example: ENGL2222 is a sponsor course with non-sponsor combined courses WMST2222 and SPAN2222. All SCH are counted under ENGL. In the “change in SCH” measure, the SCH for ENGL will be reduced, and that for WMST and SPAN will be increased, both by the SCH generated from enrollment in WMST and SPAN, respectively.

NRC: National Research Council study of the research doctorate.

SIS: CU-Boulder’s student information system. **ISIS**, the new system, will be effective for admission and enrollment for/in fall 2010 and later.

Characteristics of faculty

- *International*: Not a US citizen or permanent resident. At present we are unable to read official records for this; the proxy we are reading is over-stating the number international by failing to recognize changes from international to permanent resident status for some individuals.
- *Minority and underrepresented minority* for faculty are defined the same way as for majors (see above).

Appendix 3: Summarization of FRPA Activity Codes

Counts of activities are summarized in Section 3, Research, Scholarship, and Creative Work, using the groupings shown here. For FRPA (Faculty Report of Professional Activity) details, see <https://frpadb.colorado.edu/pls/frpa>.

Refereed books/monographs

- 401 Refereed Books
- 403 Refereed Monographs
- 406 Revisions of Earlier Published Books

Textbooks

- 402 Refereed Textbooks (including teacher/lab guides)
- 405 Refereed Textbooks Edited

Edited books

- 404 Refereed Books Edited (excluding journals)

Refereed articles/chapters

- 407 Refereed Journal Articles or Chapters

Conference presentations/papers

- 415 Papers Presented at Professional Conferences But Not Published
- 416 Presentations, Talks, Colloquia, Etc. (not listed under 415)

Creative works

- 501 Musical Compositions/Recordings
- 502 Conducted Music Performances (including Opera Direction)
- 503 Directing or Producing Films, Videos, Dance Concerts, Plays, Operas
- 504 Curator of Museum or Art Exhibitions, Exhibitions in Libraries, etc.
- 505 Choreography/Design for Dance, Theatrical, Film or Video Productions
- 506 Theatrical, Musical, Dance, or Art Performance (including those at professional meetings)
- 507 Exhibitions in Galleries/Museums
- 508 Radio/Television/Film/Video Presentations, Scripts or Productions
- 509 Plays, Poems, or Fiction
- 520 Digital Art and Media Designs (including web design)
- 530 Compositions-Original Compositions Recorded (including music, choreography, etc.)
- 531 Performances of Original Composition/Choreography/Text
- 532 Performances of Original Composition/Choreography/Text - Recorded
- 533 Performances - Recorded
- 540 Position as Artistic Director (non-CU) (ex: Musical Director for opera company)
- 599 Other Creative Work (describe)