

**Faculty Teaching Load Responsibility
Executive Summary
Fall 1998**

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EXECUTIVE SUMMARY
FACULTY TEACHING LOAD RESPONSIBILITY
FALL 1998

This report summarizes the analysis of the on-campus teaching loads of full-time, regular, ranked faculty for the fall 1998 semester. Measures of teaching load presented in this report include the following: average section credits assigned, number of sections taught, average section credit value, section enrollment, and student credit hours generated. Beyond reporting teaching loads for fall 1998, the report includes a comparative analysis of changes in teaching loads since fall 1994.

Key findings include:

- The average number of section credits assigned to full-time, regular, ranked faculty was 8.8 (Table 1).
- Full-time, regular, ranked faculty were responsible for 57% of all on-campus sections and 51% of all on-campus student credit hours produced (Table 2).
- The average number of sections assigned to full-time, regular, ranked faculty was 3.3 (Table 1).
- The average number of student credit hours produced by full-time, regular, ranked faculty was 144 (Table 1).
- At the lower-division level, graduate assistants were responsible for 28% of all lectures and 65% of the recitation/seminar/discussions sections (Table 4).
- Sixty-two percent (62%) of the lower division laboratory/studio sections were assigned to graduate assistants (Table 4).

AVERAGE INSTRUCTIONAL RESPONSIBILITY AND PRODUCTIVITY

Table 1 shows the average number of section credits, sections, student credit hours and section enrollments for full-time, ranked, regular faculty during the fall 1998 semester. Each dimension provides an important measure of faculty responsibility and productivity.

- System-wide, faculty were assigned an average of 8.8 section credits.
- The average number of section credits assigned ranged from 8.3 at UMSL to 9.9 at UMKC.
- The average number of sections assigned system-wide was 3.3.
- The highest average student credit hour production per faculty was at UMC (154), while the lowest was at UMKC (129). The overall system average was 144 student credit hours.
- Average section enrollments ranged from 19.0 at UMC to 13.5 at UMKC. System-wide, the average was 17.0.

Table 1: On-Campus Average Instructional Responsibility and Productivity of Full-time, Ranked, Regular Faculty, Fall 1998

Rank	Number	Average Responsibility		Average Productivity	
		Section Credits Taught	Number of Sections Taught	Student Credit Hours Produced	Average Section Size
University of Missouri - System					
Professor	786	8.9	3.3	138	16.6
Associate Professor	711	9.1	3.4	153	17.4
Assistant Professor	398	8.3	3.0	140	17.3
Instructor	3	8.3	5.3	196	21.4
Total	1,898	8.8	3.3	144	17.0
Index*	1.00	1.00	1.00	1.00	1.00
University of Missouri - Columbia					
Professor	402	8.5	3.2	150	18.7
Associate Professor	337	8.6	3.3	164	19.4
Assistant Professor	203	7.8	2.9	143	18.9
Instructor	1	5.0	4.0	119	25.0
Total	943	8.4	3.1	154	19.0
Index*	0.50	0.95	0.97	1.06	1.11
University of Missouri - Kansas City					
Professor	148	10.1	3.6	118	12.2
Associate Professor	159	10.2	3.8	139	14.1
Assistant Professor	82	8.7	3.1	128	14.4
Instructor	1	11.0	9.0	196	16.9
Total	390	9.9	3.6	129	13.5
Index*	0.21	1.12	1.11	0.89	0.79
University of Missouri - Rolla					
Professor	134	9.6	3.4	131	16.1
Associate Professor	90	9.4	3.6	154	18.3
Assistant Professor	56	9.0	3.3	136	15.1
Instructor					
Total	280	9.4	3.5	139	16.7
Index*	0.15	1.06	1.06	0.97	0.98
University of Missouri - St. Louis					
Professor	102	7.6	2.8	127	16.2
Associate Professor	125	8.7	3.1	143	15.9
Assistant Professor	57	8.6	2.9	152	18.4
Instructor	1	9.0	3.0	273	30.3
Total	285	8.3	2.9	139	16.5
Index*	0.15	0.94	0.90	0.97	0.97

* Index computed relative to UM-System average.

NOTE: Due to rounding, some columns may not total.

INSTRUCTIONAL CONTRIBUTION

Table 2 depicts the relative contribution of full-time, regular, ranked faculty by presenting the percent of the total section credits, sections, student credit hours, and section enrollments that these faculty members provide.

- Full-time, regular, ranked faculty were responsible for 61% of the assigned section credits.
- At UMR, they were responsible for 72% of the section credits, while at UMSL, they were responsible for 46% of the section credits.
- System-wide, 57% of all sections were assigned to this group. These faculty members were assigned two of every three sections offered at UMR compared to 45% at UMSL.

Table 2: On-Campus Instructional Contribution of Full-time, Regular, Ranked Faculty, Fall 1998

Rank	Percent of Total:			
	Section Credits	Sections Taught	Student Credit Hours	Section Enrollments
University of Missouri - System				
Professor	25	23	20	20
Associate Professor	23	22	20	19
Assistant Professor	12	11	10	10
Instructor	0	0	0	0
Total	61	57	51	49
University of Missouri - Columbia				
Professor	27	24	22	20
Associate Professor	23	21	20	18
Assistant Professor	13	11	11	10
Instructor	0	0	0	0
Total	63	56	53	49
University of Missouri - Kansas City				
Professor	24	23	18	19
Associate Professor	26	26	23	24
Assistant Professor	11	11	11	10
Instructor	0	0	0	0
Total	62	61	52	53
University of Missouri - Rolla				
Professor	35	32	29	28
Associate Professor	23	22	23	22
Assistant Professor	14	13	12	10
Instructor	0	0	0	0
Total	72	66	64	61
University of Missouri - St. Louis				
Professor	15	15	12	12
Associate Professor	21	21	16	16
Assistant Professor	10	9	8	8
Instructor	0	0	0	0
Total	46	45	36	37

NOTES: 1) Due to rounding, some columns may not total. 2) The remaining sections would be taught largely by part-time regular faculty members, full- and part-time non-regular faculty members, and graduate teaching assistants.

COMPARISONS TO PREVIOUS FALL SEMESTERS

Tables 3a – 3d show comparisons of this semester's teaching load to the previous four fall semesters. The average assigned section credits for fall 1994 through fall 1998 are shown in Table 3a. The average number of sections for the past five fall semesters are depicted in Table 3b while Table 3c shows the average credit value assigned to those sections. Table 3d shows the average enrollment per section for fall 1994 through fall 1998. Please note that additional comparisons can be made by referring to *Faculty Teaching Load Responsibility Executive Summary, Fall 1997* (Planning & Budget Report: P&B 98-05).

- System-wide, as well as at UMC and UMR, there has been a slight decline in the average number of section credits assigned. At UMC, the decline was 0.2 section credits while at UMR the decline was 0.1 credits.
- At the system level, the most significant decreases in average section credits assigned occurred with Assistant Professors (-0.5) while the average for Associate Professors and Professors remained relatively stable.
- System-wide the total number of sections assigned to full-time, regular faculty has remained relatively steady during the past five years. However, during this same time campus variations have been more significant: UMC has declined 5% while UMKC and UMR have increased 7% and 4%, respectively.

**Table 3a: Comparison of Average Assigned Section Credits of
Full-time, Regular, Ranked Faculty,
Fall 1994 - Fall 1998**

Campus	1994	1995	1996	1997	1998	Change	Percent Change
Full-time, Regular, All Ranks							
UMC	8.6	8.3	8.6	8.2	8.4	-0.2	-2%
UMKC	9.9	10.4	10.1	10.1	9.9	0.0	0%
UMR	9.5	9.5	9.7	9.7	9.4	-0.1	-1%
UMSL	8.3	8.8	8.3	7.9	8.3	0.0	0%
UM-System	8.9	8.9	9.0	8.7	8.8	-0.1	-1%
Professor							
UMC	8.7	8.2	8.9	8.2	8.5	-0.2	-2%
UMKC	9.2	10.5	9.9	10.5	10.1	0.9	10%
UMR	9.9	9.4	9.9	9.5	9.6	-0.3	-3%
UMSL	7.3	7.7	7.5	7.3	7.6	0.3	4%
UM-System	8.8	8.8	9.1	8.8	8.9	0.1	1%
Associate Professor							
UMC	8.5	8.4	8.5	8.3	8.6	0.1	1%
UMKC	10.4	10.5	10.2	10.1	10.2	-0.2	-2%
UMR	9.8	10.0	9.7	10.3	9.4	-0.4	-4%
UMSL	8.7	9.2	8.8	8.3	8.7	0.0	0%
UM-System	9.1	9.2	9.1	9.0	9.1	0.0	0%
Assistant Professor							
UMC	8.5	8.2	8.3	7.7	7.8	-0.7	-8%
UMKC	10.1	10.1	10.4	9.3	8.7	-1.4	-14%
UMR	8.5	8.8	9.3	9.1	9.0	0.5	6%
UMSL	8.9	9.2	8.4	7.8	8.6	-0.3	-3%
UM-System	8.8	8.8	8.8	8.2	8.3	-0.5	-6%
Instructor							
UMC	26.8	8.5	8.0	8.0	5.0	-21.8	-81%
UMKC	11.0	11.8	12.0	10.0	11.0	0.0	0%
UMR	9.0	9.0	9.0				
UMSL	3.7	8.0	3.0	12.0	9.0	5.3	143%
UM-System	10.8	9.4	8.0	9.9	8.3	-2.5	-23%

Note: Actual change and percent change are rounded.
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**Table 3b: Comparison of Number of Sections Assigned to
Full-time, Regular, Ranked Faculty,
Fall 1994 - Fall 1998**

Campus	1994	1995	1996	1997	1998	Change	Percent Change
All Section Types							
UMC	3,126	2,997	3,070	2,906	2,970	(156)	-5%
UMKC	1,314	1,393	1,438	1,460	1,405	91	7%
UMR	931	929	967	950	969	38	4%
UMSL	858	875	889	836	839	(19)	-2%
UM-System	6,228	6,194	6,365	6,152	6,183	(45)	*
Field/Clinical Sections							
UMC	87	46	57	63	104	17	20%
UMKC	10	21	17	13	9	(1)	-10%
UMR							
UMSL	33	33	36	28	41	8	24%
UM-System	130	99	110	104	154	24	18%
Indep Lesson/Study							
UMC	1,311	1,227	1,284	1,127	1,207	(104)	-8%
UMKC	446	490	501	493	506	60	13%
UMR	252	261	280	269	286	34	13%
UMSL	214	236	223	199	221	7	3%
UM-System	2,223	2,214	2,288	2,088	2,220	(3)	*
Laboratory/Studio Sections							
UMC	247	229	222	225	201	(46)	-19%
UMKC	40	39	46	50	28	(12)	-30%
UMR	110	114	116	114	121	11	10%
UMSL	39	41	48	45	47	8	21%
UM-System	436	423	433	435	398	(38)	-9%
Lecture							
UMC	1,211	1,251	1,271	1,261	1,218	7	*
UMKC	792	804	842	878	844	52	7%
UMR	530	517	536	544	535	5	*
UMSL	164	155	147	162	153	(11)	-7%
UM-System	2,697	2,726	2,796	2,845	2,750	53	2%
Recitation/Seminar/Discussion							
UMC	269	246	235	230	240	(29)	-11%
UMKC	26	39	32	26	18	(8)	-31%
UMR	38	37	35	23	28	(10)	-26%
UMSL	409	410	435	401	376	(33)	-8%
UM-System	743	731	737	680	662	(81)	-11%

* Less than 1%

**Table 3c: Comparison of Average Credit Value per Section, By Section Type,
For Full-time, Regular, Ranked Faculty,
Fall 1994 - Fall 1998**

Campus	1994	1995	1996	1997	1998	Change	Percent Change
All Section Types							
UMC	2.69	2.71	2.71	2.68	2.67	-0.02	-1%
UMKC	2.71	2.74	2.71	2.73	2.74	0.03	1%
UMR	2.82	2.80	2.77	2.81	2.72	-0.10	-4%
UMSL	2.77	2.74	2.74	2.73	2.82	0.05	2%
UM-System	2.72	2.74	2.72	2.72	2.71	-0.01	0%
Field/Clinical Sections							
UMC	3.82	3.04	2.98	3.10	2.51	-1.31	-34%
UMKC	2.90	3.14	3.00	3.23	3.44	0.54	19%
UMR							
UMSL	5.39	5.27	4.47	4.04	5.07	-0.32	-6%
UM-System	4.15	3.84	3.47	3.37	3.25	-0.90	-22%
Indep Lesson/Study							
UMC	2.83	2.89	2.89	2.87	2.86	0.04	1%
UMKC	2.83	2.78	2.69	2.80	2.87	0.03	1%
UMR	3.85	3.75	3.60	3.74	3.42	-0.43	-11%
UMSL	2.34	2.43	2.44	2.37	2.49	0.15	7%
UM-System	2.90	2.92	2.89	2.92	2.90	0.00	0%
Laboratory/Studio Sections							
UMC	1.77	1.78	1.78	1.73	1.83	0.05	3%
UMKC	1.90	2.54	2.72	2.74	2.39	0.49	26%
UMR	1.16	1.23	1.23	1.24	1.27	0.11	9%
UMSL	1.59	1.41	1.60	1.87	1.98	0.39	24%
UM-System	1.61	1.66	1.71	1.73	1.71	0.10	6%
Lecture							
UMC	2.79	2.81	2.78	2.78	2.76	-0.03	-1%
UMKC	2.68	2.72	2.72	2.71	2.67	-0.01	0%
UMR	2.78	2.77	2.77	2.76	2.74	-0.04	-1%
UMSL	2.83	2.77	2.75	2.83	2.78	-0.05	-2%
UM-System	2.76	2.78	2.76	2.75	2.73	-0.03	-1%
Recitation/Seminar/Discussion							
UMC	2.03	2.13	2.14	2.00	2.00	-0.03	-1%
UMKC	2.42	2.59	2.34	2.23	2.22	-0.20	-8%
UMR	1.39	1.30	1.26	1.13	1.18	-0.22	-15%
UMSL	2.86	2.84	2.86	2.89	2.89	0.04	1%
UM-System	2.46	2.51	2.53	2.51	2.48	0.01	1%

Note: Actual change and percent change are rounded.
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**Table 3d: Comparison of Average Enrollment per Section, By Section Type,
For Full-time, Regular, Ranked Faculty,
Fall 1994 - Fall 1998**

Campus	1994	1995	1996	1997	1998	Change	Percent Change
All Section Types							
UMC	18.3	18.6	18.2	19.4	19.0	0.7	4%
UMKC	15.4	14.9	14.5	14.7	13.5	-2.0	-13%
UMR	17.6	18.3	17.6	17.1	16.7	-0.9	-5%
UMSL	18.8	17.3	17.0	18.3	16.6	-2.3	-12%
UM-System	17.7	17.5	17.1	17.8	17.0	-0.6	-4%
Field/Clinical Sections							
UMC	3.8	4.9	3.9	7.7	9.2	5.4	142%
UMKC	13.7	12.8	15.8	16.9	14.0	0.3	2%
UMR							
UMSL	6.2	5.3	4.8	6.9	5.0	-1.1	-18%
UM-System	5.2	6.7	6.1	8.7	8.4	3.2	62%
Indep Lessons/Study							
UMC	2.4	2.7	2.5	2.6	2.2	-0.2	-8%
UMKC	2.0	1.9	1.9	1.9	1.8	-0.1	-7%
UMR	2.3	2.4	2.2	2.0	2.0	-0.3	-14%
UMSL	2.7	2.4	2.5	2.5	2.5	-0.1	-6%
UM-System	2.4	2.4	2.4	2.3	2.1	-0.2	-9%
Laboratory/Studio Sections							
UMC	15.5	14.5	14.9	16.5	13.0	-2.5	-16%
UMKC	28.5	33.2	28.2	27.2	31.4	2.9	10%
UMR	16.0	16.8	16.5	15.8	15.7	-0.3	-2%
UMSL	14.6	16.3	13.9	13.8	13.3	-1.3	-9%
UM-System	16.7	17.0	16.6	17.2	15.1	-1.6	-10%
Lecture							
UMC	37.9	36.8	36.3	36.6	38.3	0.4	1%
UMKC	22.6	22.5	21.4	21.3	19.9	-2.7	-12%
UMR	24.9	26.4	25.5	24.7	24.4	-0.6	-2%
UMSL	41.4	36.4	38.4	38.6	36.3	-5.1	-12%
UM-System	31.1	30.6	29.8	29.7	29.8	-1.2	-4%
Recitation/Seminars/Discussion							
UMC	14.9	11.6	12.2	13.2	14.4	-0.5	-3%
UMKC	10.1	6.5	7.9	8.3	9.8	-0.3	-3%
UMR	21.4	21.8	23.1	21.2	23.9	2.5	12%
UMSL	19.6	19.6	18.5	19.3	18.5	-1.1	-6%
UM-System	17.6	16.4	16.2	16.9	17.0	-0.6	-4%

Note: Actual change and percent change are rounded.
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TEACHING LOADS OF GRADUATE TEACHING ASSISTANTS

Graduate teaching assistants continued to represent a significant component of the educational delivery system at the University of Missouri. This was most notable at UMC and UMR and especially at the lower division level (Table 4).

- On average, graduate assistants were responsible for two sections during fall 1998, reflecting 3.7 section credits.
- For the system, graduate assistants were responsible for nearly 17% of all sections taught during fall 1998.
- At UMC, graduate assistants were responsible for over 55% of the lower division sections while at UMR they were responsible for 32% of the lower division sections.
- At UMKC and UMSL, 16% and 22% of all lower division sections were assigned to graduate assistants, respectively.
- For the system, nearly 28% of the lower division lecture sections were taught by graduate assistants.

Table 4: Teaching Loads of Graduate Teaching Assistants, Fall 1998

On-Campus Average Instructional Responsibility and Productivity

Campus	Number	Average Responsibility		Average Productivity	
		Section Credits Taught	Number of Sections Taught	Student Credit Hours Produced	Section Size
UM-Columbia	600	3.9	2.2	95.8	23.2
UM-Kansas City	81	4.7	1.7	94.0	18.4
UM-Rolla	128	2.4	1.7	49.1	17.9
UM-St. Louis	73	3.0	1.5	68.9	21.1
UM-System	882	3.7	2.1	86.6	22.1

On-Campus Instructional Contribution

Campus	Percent of Total:			
	Section Credits	Sections Taught	Student Credit Hours	Section Enrollments
UM-Columbia	18.7	25.3	21.1	26.8
UM-Kansas City	6.1	5.9	7.9	7.0
UM-Rolla	8.5	15.3	10.3	15.0
UM-St. Louis	4.3	6.0	4.5	6.2
UM-System	11.8	16.6	14.1	18.5

Number and Percentage of Total On-Campus Lower Division Sections Taught

Campus	Section Type											
	Field/ Clinical		Indep Study		Laboratory/ Studio		Lecture		Recitation/ Seminar/Discuss		Total	
	#	%	#	%	#	%	#	%	#	%	#	%
UM-Columbia			18	11.8%	328	68.3%	358	41.4%	427	77.2%	1,131	55.0%
UM-Kansas City			14	18.4%	23	41.8%	52	12.6%	0	0.0%	89	16.2%
UM-Rolla					63	51.2%	17	9.1%	40	61.5%	120	32.0%
UM-St. Louis					25	48.1%	11	10.8%	37	23.4%	73	21.9%
UM-System			32	12.7%	439	61.8%	438	27.9%	504	64.5%	1,413	42.6%

SPECIAL NOTE

The accuracy and timeliness of the teaching load data contained in this report are dependent upon the accuracy and integrity of the data maintained by the custodians of the student information and personnel/payroll systems. Because the information contained in this report is compiled by the merging of two distinct administrative systems, the data reported do not represent official, independent counts of faculty, student enrollments, credit hours, or sections. Beginning fall 1995, lecture sections have been identified separately from recitation/seminar/discussion sections. Where appropriate, historical data have been modified to reflect this change. Detailed tables and precise definitions upon which this summary is based are available by request (Planning & Budget Report P&B 99-08). Please direct requests for the detailed tables, and any comments or suggestions concerning this study to Mardy T. Eimers at (573) 882-3412.