

**Faculty Teaching Load Responsibility
Executive Summary
Fall 1999**

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EXECUTIVE SUMMARY
FACULTY TEACHING LOAD RESPONSIBILITY
FALL 1999

This report summarizes the analysis of the on-campus teaching loads of full-time, regular, ranked faculty for the fall 1999 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 1999, the report includes a comparative analysis of changes in teaching loads since fall 1995.

Key findings include:

- The average number of section credits assigned to full-time, regular, ranked faculty was 8.7 (Table 1).
- Full-time, regular, ranked faculty were responsible for 55% 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 3.2 (Table 1).
- The average number of student credit hours produced by full-time, regular, ranked faculty was 143 (Table 1).
- Since 1995, the average assigned section credits of full-time, regular, ranked faculty has gradually declined on the Kansas City, Rolla, and St. Louis campuses (Table 3a).
- UM-System totals indicate that the average student credit hours produced by full-time, regular, ranked faculty has dropped 8% over the past five years (Table 3e).
- System-wide, graduate assistants were responsible for 43% of the lower division sections taught in the fall of 1999 (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 1999 semester. Each dimension provides an important measure of faculty responsibility and productivity.

- System-wide, faculty were assigned an average of 8.7 section credits.
- The average number of section credits assigned ranged from 8.0 at UMSL to 9.6 at UMKC.
- The average number of sections assigned system-wide was 3.2.
- The highest average student credit hour production per faculty was at UMC (149), while the overall system average was 143 student credit hours.
- Average section enrollments ranged from 18.7 at UMC to 13.9 at UMKC. System-wide, the average was 16.9.

**Table 1: On-Campus Average Instructional Responsibility and Productivity of Full-time,
Ranked, Regular Faculty, Fall 1999**

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	772	8.9	3.3	139	16.7
Associate Professor	713	8.8	3.3	144	16.9
Assistant Professor	424	8.2	3.0	136	17.1
Instructor	1	8.0	4.0	232	29.0
Total/Average	1910	8.7	3.2	143	16.9
Percentage/Index*	100%	1.00	1.00	1.00	1.00
University of Missouri - Columbia					
Professor	381	8.8	3.3	154	19.1
Associate Professor	337	8.5	3.1	147	18.0
Assistant Professor	207	7.9	2.9	142	18.8
Instructor	1	8.0	4.0	232	29.0
Total/Average	926	8.6	3.2	149	18.7
Percentage/Index*	48%	0.98	0.99	1.04	1.11
University of Missouri - Kansas City					
Professor	137	9.6	3.5	126	13.1
Associate Professor	166	9.9	3.7	132	13.6
Assistant Professor	97	9.2	3.3	145	15.8
Instructor					
Total/Average	400	9.6	3.5	133	13.9
Percentage/Index*	21%	1.10	1.09	0.93	0.83
University of Missouri - Rolla					
Professor	136	9.3	3.6	127	15.2
Associate Professor	88	8.8	3.3	147	19.1
Assistant Professor	62	8.5	3.0	120	15.0
Instructor					
Total/Average	286	9.2	3.4	132	16.4
Percentage/Index*	15%	1.06	1.05	0.92	0.97
University of Missouri - St. Louis					
Professor	118	7.7	2.7	120	15.1
Associate Professor	120	8.4	3.2	151	17.4
Assistant Professor	58	7.4	2.7	117	15.4
Instructor					
Total/Average	296	8.0	2.8	132	16.2
Percentage/Index*	15%	0.92	0.88	0.92	0.96

* 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 58% of the assigned section credits.
- At UMR, they were responsible for 74% of the section credits, while at UMSL, they were responsible for 39% of the section credits.
- System-wide, 55% of all sections were assigned to this group. These faculty members were assigned two of every three sections offered at UMR and two of every five sections offered at UMSL.

**Table 2: On-Campus Instructional Contribution of Full-time, Regular,
Ranked Faculty, Fall 1999**

Rank	Percent of Total:			
	Section Credits	Sections Taught	Student Credit Hours	Section Enrollments
University of Missouri - System				
Professor	24	23	20	20
Associate Professor	22	21	20	19
Assistant Professor	11	11	10	10
Instructor	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	58	55	51	49
University of Missouri - Columbia				
Professor	26	23	22	20
Associate Professor	22	20	20	18
Assistant Professor	12	11	11	10
Instructor	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	60	54	53	48
University of Missouri - Kansas City				
Professor	24	24	19	19
Associate Professor	26	26	23	25
Assistant Professor	12	11	11	11
Instructor	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	62	62	53	55
University of Missouri - Rolla				
Professor	36	32	30	29
Associate Professor	24	22	24	23
Assistant Professor	14	13	13	11
Instructor	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	74	67	67	63
University of Missouri - St. Louis				
Professor	13	13	11	12
Associate Professor	18	18	16	16
Assistant Professor	8	8	8	8
Instructor	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	39	40	35	35

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.

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COMPARISONS TO PREVIOUS FALL SEMESTERS

Tables 3a – 3e show comparisons of this semester's teaching load to the previous four fall semesters. More specifically, the tables display five-year historical trends for:

- Average assigned section credits (Table 3a)
- Average number of sections (Table 3b)
- Average credit value assigned to sections (Table 3c)
- Average enrollment per section (Table 3d)
- Average student credit hours produced (Table 3e)

The key findings include:

- System-wide there has been a slight decline in the average number of section credits assigned (-0.2) over the past five years (Table 3a).
- At the system level, the most significant decreases in average section credits assigned occurred with Assistant Professors (-0.6) and Associate Professors (-0.4), while the average for Professors remained relatively stable (Table 3a).
- System-wide, the number of clinical, independent study, laboratory, and recitation sections declined slightly during the past five years, while the number of lecture sections increased during this period (Table 3b).
- Average enrollment per section has declined on three of the four campuses (the exception is UMC). System-wide, enrollment per section has dropped from 17.5 in 1995 to 16.9 students per section in 1999 (Table 3d).
- Over the past five years, the average student credit hours produced by full-time, regular, ranked faculty has decreased on each of the four campuses. System-wide, average student credit hours produced by this group of faculty has dropped from 156 in 1995 to 143 in 1999 (Table 3e).

**Table 3a: Comparison of Average Assigned Section Credits of
Full-time, Regular, Ranked Faculty,
Fall 1995 - Fall 1999**

Campus	1995	1996	1997	1998	1999	Change	Percent Change
Full-time, Regular, All Ranks							
UMC	8.3	8.6	8.2	8.4	8.5	0.2	2%
UMKC	10.4	10.1	10.1	9.9	9.6	-0.8	-8%
UMR	9.5	9.7	9.7	9.4	9.0	-0.5	-5%
UMSL	8.8	8.3	7.9	8.3	7.9	-0.9	-10%
UM-System	8.9	9.0	8.7	8.8	8.7	-0.2	-2%
Professor							
UMC	8.2	8.9	8.2	8.5	8.8	0.6	7%
UMKC	10.5	9.9	10.5	10.1	9.6	-0.9	-9%
UMR	9.4	9.9	9.5	9.6	9.3	-0.1	-1%
UMSL	7.7	7.5	7.3	7.6	7.7	0.0	0%
UM-System	8.8	9.1	8.8	8.9	8.9	0.1	1%
Associate Professor							
UMC	8.4	8.5	8.3	8.6	8.4	0.0	0%
UMKC	10.5	10.2	10.1	10.2	9.9	-0.6	-6%
UMR	10.0	9.7	10.3	9.4	8.8	-1.2	-12%
UMSL	9.2	8.8	8.3	8.7	8.4	-0.8	-9%
UM-System	9.2	9.1	9.0	9.1	8.8	-0.4	-4%
Assistant Professor							
UMC	8.2	8.3	7.7	7.8	7.9	-0.3	-4%
UMKC	10.1	10.4	9.3	8.7	9.2	-0.9	-9%
UMR	8.8	9.3	9.1	9.0	8.5	-0.3	-3%
UMSL	9.2	8.4	7.8	8.6	7.4	-1.8	-20%
UM-System	8.8	8.8	8.2	8.3	8.2	-0.6	-7%
Instructor							
UMC	8.5	8.0	8.0	5.0	8.0	-0.5	-6%
UMKC	11.8	12.0	10.0	11.0			
UMR	9.0	9.0					
UMSL	8.0	3.0	12.0	9.0			
UM-System	9.4	8.0	9.9	8.3	8.0	-1.4	-15%

Note: 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 1995 - Fall 1999**

Campus	1995	1996	1997	1998	1999	Change	Percent Change
All Section Types							
UMC	2997	3070	2906	2970	2903	-94	-3%
UMKC	1393	1438	1460	1405	1419	26	2%
UMR	929	967	950	969	957	28	3%
UMSL	875	889	836	839	862	-13	-1%
UM-System	6194	6365	6152	6183	6141	-53	-1%
Field/Clinical Sections							
UMC	46	57	63	104	76	30	65%
UMKC	21	17	13	9	3	-18	-86%
UMR							
UMSL	33	36	28	41	18	-15	-45%
UM-System	99	110	104	154	97	-2	-2%
Indep Lesson/Study							
UMC	1227	1284	1127	1207	1083	-144	-12%
UMKC	490	501	493	506	502	12	2%
UMR	261	280	269	286	272	11	4%
UMSL	236	223	199	221	224	-12	-5%
UM-System	2214	2288	2088	2220	2080	-134	-6%
Laboratory/Studio Sections							
UMC	229	222	225	201	190	-39	-17%
UMKC	39	46	50	28	35	-4	-10%
UMR	114	116	114	121	135	21	18%
UMSL	41	48	45	47	54	13	32%
UM-System	423	433	435	398	414	-9	-2%
Lecture							
UMC	1251	1271	1261	1218	1289	38	3%
UMKC	804	842	878	844	859	55	7%
UMR	517	536	544	535	521	4	1%
UMSL	155	147	162	153	166	11	7%
UM-System	2726	2796	2845	2750	2835	109	4%
Recitation/Seminar/Discussion							
UMC	246	235	230	240	266	20	8%
UMKC	39	32	26	18	20	-19	-49%
UMR	37	35	23	28	30	-7	-19%
UMSL	410	435	401	376	397	-13	-3%
UM-System	731	737	680	662	712	-19	-3%

Note: Due to missing sections some columns may not equal total.
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**Table 3c: Comparison of Average Credit Value per Section, By Section Type,
For Full-time, Regular, Ranked Faculty,
Fall 1995 - Fall 1999**

Campus	1995	1996	1997	1998	1999	Change	Percent Change
All Section Types							
UMC	2.71	2.71	2.68	2.67	2.71	-0.01	0%
UMKC	2.74	2.71	2.73	2.74	2.71	-0.02	-1%
UMR	2.80	2.77	2.81	2.72	2.69	-0.11	-4%
UMSL	2.74	2.74	2.73	2.82	2.73	-0.02	-1%
UM-System	2.74	2.72	2.72	2.71	2.71	-0.03	-1%
Field/Clinical Sections							
UMC	3.04	2.98	3.10	2.51	3.32	0.27	9%
UMKC	3.14	3.00	3.23	3.44	4.00	0.86	27%
UMR							
UMSL	5.27	4.47	4.04	5.07	4.56	-0.72	-14%
UM-System	3.84	3.47	3.37	3.25	3.57	-0.27	-7%
Indep Lesson/Study							
UMC	2.89	2.89	2.87	2.86	2.89	0.00	0%
UMKC	2.78	2.69	2.80	2.87	2.72	-0.07	-2%
UMR	3.75	3.60	3.74	3.42	3.42	-0.33	-9%
UMSL	2.43	2.44	2.37	2.49	2.47	0.04	2%
UM-System	2.92	2.89	2.92	2.90	2.87	-0.04	-1%
Laboratory/Studio Sections							
UMC	1.78	1.78	1.73	1.83	1.83	0.05	3%
UMKC	2.54	2.72	2.74	2.39	2.63	0.09	4%
UMR	1.23	1.23	1.24	1.27	1.30	0.07	6%
UMSL	1.41	1.60	1.87	1.98	1.96	0.55	39%
UM-System	1.66	1.71	1.73	1.71	1.74	0.07	4%
Lecture							
UMC	2.81	2.78	2.78	2.76	2.79	-0.02	-1%
UMKC	2.72	2.72	2.71	2.67	2.72	0.00	0%
UMR	2.77	2.77	2.76	2.74	2.75	-0.03	-1%
UMSL	2.77	2.75	2.83	2.78	2.77	0.00	0%
UM-System	2.78	2.76	2.75	2.73	2.76	-0.02	-1%
Rec/Sem/Dis							
UMC	2.13	2.14	2.00	2.00	1.98	-0.15	-7%
UMKC	2.59	2.34	2.23	2.22	2.20	-0.39	-15%
UMR	1.30	1.26	1.13	1.18	1.13	-0.16	-13%
UMSL	2.84	2.86	2.89	2.89	2.87	0.03	1%
UM-System	2.51	2.53	2.51	2.48	2.45	-0.06	-2%

Note: 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 1995 - Fall 1999**

Campus	1995	1996	1997	1998	1999	Change	Percent Change
All Section Types							
UMC	18.6	18.2	19.4	19.0	18.7	0.1	0%
UMKC	14.9	14.5	14.7	13.5	13.9	-1.0	-7%
UMR	18.3	17.6	17.1	16.7	16.4	-1.9	-11%
UMSL	17.3	17.0	18.3	16.6	16.2	-1.1	-6%
UM-System	17.5	17.1	17.8	17.0	16.9	-0.7	-4%
Field/Clinical Sections							
UMC	4.9	3.9	7.7	9.2	3.1	-1.7	-35%
UMKC	12.8	15.8	16.9	14.0	8.3	-4.4	-35%
UMR							
UMSL	5.3	4.8	6.9	5.0	4.7	-0.6	-11%
UM-System	6.7	6.1	8.7	8.4	3.6	-3.1	-47%
Indep Lessons/Study							
UMC	2.7	2.5	2.6	2.2	2.3	-0.4	-14%
UMKC	1.9	1.9	1.9	1.8	1.9	-0.1	-3%
UMR	2.4	2.2	2.0	2.0	1.9	-0.5	-21%
UMSL	2.4	2.5	2.5	2.5	3.8	1.5	61%
UM-System	2.4	2.4	2.3	2.1	2.3	-0.1	-6%
Laboratory/Studio Sections							
UMC	14.5	14.9	16.5	13.0	12.2	-2.3	-16%
UMKC	33.2	28.2	27.2	31.4	23.5	-9.7	-29%
UMR	16.8	16.5	15.8	15.7	14.1	-2.8	-17%
UMSL	16.3	13.9	13.8	13.3	12.8	-3.5	-22%
UM-System	17.0	16.6	17.2	15.1	13.8	-3.2	-19%
Lecture							
UMC	36.8	36.3	36.6	38.3	35.2	-1.6	-4%
UMKC	22.5	21.4	21.3	19.9	20.7	-1.7	-8%
UMR	26.4	25.5	24.7	24.4	24.3	-2.2	-8%
UMSL	36.4	38.4	38.6	36.3	32.2	-4.2	-12%
UM-System	30.6	29.8	29.7	29.8	28.6	-2.0	-6%
Recitation/Seminars/Discussion							
UMC	11.6	12.2	13.2	14.4	14.1	2.5	21%
UMKC	6.5	7.9	8.3	9.8	8.6	2.1	32%
UMR	21.8	23.1	21.2	23.9	20.2	-1.6	-8%
UMSL	19.6	18.5	19.3	18.5	17.5	-2.2	-11%
UM-System	16.4	16.2	16.9	17.0	16.1	-0.3	-2%

Note: Change and percent change are rounded.
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**Table 3e: Comparison of Average Student Credit Hours Produced by
Full-time, Regular, Ranked Faculty,
Fall 1995 - Fall 1999**

Campus	1995	1996	1997	1998	1999	Change	Percent Change
Full-time, Regular, All Ranks							
UMC	155	147	152	154	149	-6	-4%
UMKC	154	149	148	129	133	-21	-14%
UMR	151	152	144	139	132	-19	-13%
UMSL	168	145	149	139	132	-36	-21%
UM-System	156	148	150	144	143	-13	-8%
Professor							
UMC	161	155	152	150	154	-7	-4%
UMKC	146	138	141	118	126	-20	-14%
UMR	136	144	137	131	127	-9	-7%
UMSL	154	125	136	127	120	-34	-22%
UM-System	153	146	145	138	139	-14	-10%
Associate Professor							
UMC	172	150	151	164	147	-25	-15%
UMKC	157	148	145	139	132	-25	-16%
UMR	172	170	161	154	147	-25	-15%
UMSL	169	152	151	143	151	-18	-11%
UM-System	168	153	151	153	144	-24	-9%
Assistant Professor							
UMC	125	130	154	143	142	17	14%
UMKC	162	174	169	128	145	-17	-10%
UMR	147	140	129	136	120	-27	-18%
UMSL	177	157	166	152	117	-60	-34%
UM-System	143	143	155	140	136	-7	-5%
Instructor							
UMC	155	259	208	119	232	77	50%
UMKC	221	253	217	196		-221	
UMR	312	243				-312	
UMSL	310	42	102	273		-310	
UM-System	240	199	176	196	232	-8	-3%

Note: 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 especially at the lower division level (Table 4).

- On average, graduate assistants were responsible for two sections during fall 1999, reflecting 3.6 section credits.
- For the system, graduate assistants were responsible for 15.6% of all sections taught during fall 1999.
- At UMC, graduate assistants were responsible for over 54% of the lower division sections while at UMR they were responsible for 31% of the lower division sections.
- At UMKC and UMSL, 11% and 19% of all lower division sections were assigned to graduate assistants, respectively.
- For the system, graduate assistants taught 27% of the lower division lecture sections.

Table 4: Teaching Loads of Graduate Teaching Assistants, Fall 1999

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	595	4.1	2.3	94.1
	UM-Kansas City	62	3.6	1.3	69.7
	UM-Rolla	142	2.0	1.4	47.2
	UM-St. Louis	78	3.4	1.7	79.5
	UM-System	877	3.6	2.0	83.5

On-Campus Instructional Contribution

Campus	Percent of Total:			
	Section Credits	Sections Taught	Student Credit Hours	Section Enrollments
UM-Columbia	18.4	24.7	20.5	26.0
UM-Kansas City	3.6	3.5	4.6	4.4
UM-Rolla	8.2	13.6	11.5	15.8
UM-St. Louis	4.4	6.2	5.5	7.0
UM-System	11.0	15.6	13.6	17.9

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	2	22%	14	12%	370	71%	347	39%	441	72%	1,173	54%
UM-Kansas City			3	4%	10	17%	45	11%	0	0%	58	11%
UM-Rolla					53	45%	25	15%	30	53%	108	31%
UM-St. Louis					19	33%	12	12%	39	23%	70	19%
UM-System	2	22%	17	7%	452	60%	429	27%	510	60%	1,409	41%

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. If desired, detailed tables regarding this report are available. Please direct requests for the detailed tables, and any comments or suggestions concerning this study to Mardy T. Eimers at (573) 882-3412 or eimersm@umsystem.edu.