

**Faculty Teaching Load Responsibility
Executive Summary
Fall 2000
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(Changes in Italics)**

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EXECUTIVE SUMMARY
FACULTY TEACHING LOAD RESPONSIBILITY
FALL 2000

This report summarizes the analysis of the on-campus teaching loads of full-time, regular, ranked faculty for the fall 2000 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 2000, the report includes a comparative analysis of changes in teaching loads since fall 1996.

Key findings include:

- The average number of section credits assigned to full-time, regular, ranked faculty was 8.6 (Table 1).
- 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 137 (Table 1).
- Full-time, regular, ranked faculty were responsible for 54% of all on-campus sections and 48% of all on-campus student credit hours produced (Table 2).
- Since 1996, the average assigned section credits of full-time, regular, ranked faculty has gradually declined on the Columbia, Kansas City, and Rolla campuses (Table 3a).
- UM-System totals indicate that the average student credit hours produced by full-time, regular, ranked faculty has dropped 7% over the past five years (Table 3e).
- System-wide, graduate assistants were responsible for 31% of the lower division sections taught in the fall of 2000 (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 2000 semester. Each dimension provides an important measure of faculty responsibility and productivity.

- System-wide, faculty were assigned an average of 8.6 section credits.
- The average number of section credits assigned ranged from 8.3 at UMSL to 9.7 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 (143), while the overall system average was 137 student credit hours.
- Average section enrollments ranged from 18.8 at UMC to 13.3 at UMKC. System-wide, the average was 16.6.

**Table 1: On-Campus Average Instructional Responsibility and Productivity of Full-time, Regular,
Ranked Faculty, Fall 2000**

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	756	8.4	3.1	132	16.7
Associate Professor	670	9.1	3.4	142	16.1
Assistant Professor	486	8.4	3.0	139	17.1
Total	1,912	8.6	3.2	137	16.6
Index*	1.0	1.0	1.0	1.0	1.0
University of Missouri - Columbia					
Professor	379	8.0	2.9	141	19.4
Associate Professor	319	8.4	3.1	141	17.3
Assistant Professor	239	7.6	2.9	147	20.1
Total	937	8.0	3.0	143	18.8
Index*	0.5	0.9	0.9	1.0	1.1
University of Missouri - Kansas City					
Professor	140	9.2	3.4	118	12.6
Associate Professor	159	10.1	3.8	137	13.7
Assistant Professor	113	9.7	3.4	132	13.4
Total	412	9.7	3.6	129	13.3
Index*	0.2	1.1	1.1	0.9	0.8
University of Missouri - Rolla					
Professor	122	9.5	3.5	129	15.6
Associate Professor	79	9.9	3.7	140	16.4
Assistant Professor	67	9.1	3.1	122	14.3
Total	268	9.5	3.5	131	15.5
Index*	0.1	1.1	1.1	1.0	0.9
University of Missouri - St. Louis					
Professor	115	7.8	2.7	120	15.1
Associate Professor	113	9.0	3.2	154	16.6
Assistant Professor	67	8.1	2.9	138	16.7
Total	295	8.3	3.0	137	16.1
Index*	0.2	1.0	0.9	1.0	1.0

* 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 57% of the assigned section credits.
- At UMR, they were responsible for 72% of the section credits, while at UMSL, they were responsible for 41% of the section credits.
- System-wide, 54% 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 2000**

Rank	Percent of Total:			
	Section Credits	Sections Taught	Student Credit Hours	Section Enrollments
University of Missouri - System				
Professor	22	21	18	18
Associate Professor	21	20	17	17
Assistant Professor	14	13	12	12
Total	57	54	48	47
University of Missouri - Columbia				
Professor	23	20	19	18
Associate Professor	21	18	16	15
Assistant Professor	14	13	13	12
Total	58	52	48	45
University of Missouri - Kansas City				
Professor	20	20	17	17
Associate Professor	24	25	22	24
Assistant Professor	17	16	15	14
Total	61	61	54	55
University of Missouri - Rolla				
Professor	33	30	27	27
Associate Professor	22	20	19	19
Assistant Professor	17	15	14	12
Total	72	65	61	58
University of Missouri - St. Louis				
Professor	15	15	12	12
Associate Professor	17	18	16	16
Assistant Professor	9	9	8	8
Total	41	42	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 – 3e show comparisons of this semester's teaching load of full-time, regular, ranked faculty to the previous four fall semesters. More specifically, the tables display five-year historical trends for:

- Average assigned section credits (Table 3a)
- 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 (4%) over the past five years (Table 3a).
- At the system level, the most significant decreases in average section credits assigned occurred with Professors (8%) and Assistant Professors (5%), while the average for Associate Professors remained stable (Table 3a).
- System-wide, the number of sections assigned to this group declined by 5% (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 17.1 in 1996 to 16.5 students per section in 2000 (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 148 in 1996 to 137 in 2000 (Table 3e).

**Table 3a: Comparison of Average Assigned Section Credits of
Full-time, Regular, Ranked Faculty,
Fall 1996 - Fall 2000**

Campus	1996	1997	1998	1999	2000	Change	Percent Change
Full-time, Regular, All Ranks							
UMC	8.6	8.2	8.4	8.5	8.0	-0.6	-7%
UMKC	10.1	10.1	9.9	9.6	9.7	-0.4	-4%
UMR	9.7	9.7	9.4	9.0	9.5	-0.2	-2%
UMSL	8.3	7.9	8.3	7.9	8.3	0.0	0%
UM-System	9.0	8.7	8.8	8.7	8.6	-0.4	-4%
Professor							
UMC	8.9	8.2	8.5	8.8	8.0	-0.9	-10%
UMKC	9.9	10.5	10.1	9.6	9.2	-0.7	-7%
UMR	9.9	9.5	9.6	9.3	9.5	-0.4	-4%
UMSL	7.5	7.3	7.6	7.7	7.8	0.3	4%
UM-System	9.1	8.8	8.9	8.9	8.4	-0.7	-8%
Associate Professor							
UMC	8.5	8.3	8.6	8.4	8.4	-0.1	-1%
UMKC	10.2	10.1	10.2	9.9	10.1	-0.1	-1%
UMR	9.7	10.3	9.4	8.8	9.9	0.2	2%
UMSL	8.8	8.3	8.7	8.4	9.0	0.2	2%
UM-System	9.1	9.0	9.1	8.8	9.1	0.0	0%
Assistant Professor							
UMC	8.3	7.7	7.8	7.9	7.6	-0.7	-8%
UMKC	10.4	9.3	8.7	9.2	9.7	-0.7	-7%
UMR	9.3	9.1	9.0	8.5	9.1	-0.2	-2%
UMSL	8.4	7.8	8.6	7.4	8.1	-0.3	-4%
UM-System	8.8	8.2	8.3	8.2	8.4	-0.4	-5%

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 1996 - Fall 2000**

Campus	1996	1997	1998	1999	2000	Change	Percent Change
All Section Types							
UMC	3,070	2,906	2,970	2,903	2,778	-292	-10%
UMKC	1,438	1,460	1,405	1,419	1,469	31	2%
UMR	967	950	969	957	931	-36	-4%
UMSL	889	836	839	862	875	-14	-2%
UM-System	6,365	6,152	6,183	6,141	6,053	-312	-5%
Field/Clinical Sections							
UMC	57	63	104	76	67	10	18%
UMKC	17	13	9	3	4	-13	-76%
UMR							
UMSL	36	28	41	18	20	-16	-44%
UM-System	110	104	154	97	91	-19	-17%
Indep Lesson/Study							
UMC	1,284	1,127	1,207	1,083	1,075	-209	-16%
UMKC	501	493	506	502	533	32	6%
UMR	280	269	286	272	274	-6	-2%
UMSL	223	199	221	224	220	-3	-1%
UM-System	2,288	2,088	2,220	2,080	2,102	-186	-8%
Internet/Video*							
UMC							
UMKC					5		
UMR							
UMSL					3		
UM-System					8		
Laboratory/Studio Sections							
UMC	222	225	201	190	204	-18	-8%
UMKC	46	50	28	35	57	11	24%
UMR	116	114	121	135	136	20	17%
UMSL	48	45	47	54	58	10	21%
UM-System	433	435	398	414	455	22	5%
Lecture							
UMC	1,271	1,261	1,218	1,289	1,189	-82	-6%
UMKC	842	878	844	859	851	9	1%
UMR	536	544	535	521	495	-41	-8%
UMSL	147	162	153	166	168	21	14%
UM-System	2,796	2,845	2,750	2,835	2,702	-94	-3%
Recitation/Seminar/Discussion							
UMC	235	230	240	266	243	8	3%
UMKC	32	26	18	20	20	-12	-38%
UMR	35	23	28	30	26	-9	-26%
UMSL	435	401	376	397	406	-29	-7%
UM-System	737	680	662	712	695	-42	-6%

*New section type in fall 2000.

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**Table 3c: Comparison of Average Credit Value per Section, By Section Type,
For Full-time, Regular, Ranked Faculty,
Fall 1996 - Fall 2000**

Campus	1996	1997	1998	1999	2000	Change	Percent Change
All Section Types							
UMC	2.71	2.68	2.67	2.71	2.71	-0.01	0%
UMKC	2.71	2.73	2.74	2.71	2.71	-0.02	-1%
UMR	2.77	2.81	2.72	2.69	2.73	-0.07	-2%
UMSL	2.74	2.73	2.82	2.73	2.80	0.06	2%
UM-System	2.72	2.72	2.71	2.71	2.73	-0.01	0%
Field/Clinical Sections							
UMC	2.98	3.10	2.51	3.32	3.01	-0.03	-1%
UMKC	3.00	3.23	3.44	4.00	3.00	-0.14	-5%
UMR							
UMSL	4.47	4.04	5.07	4.56	4.15	-1.12	-21%
UM-System	3.47	3.37	3.25	3.57	3.26	-0.57	-15%
Indep Lesson/Study							
UMC	2.89	2.87	2.86	2.89	2.95	0.07	2%
UMKC	2.69	2.80	2.87	2.72	2.72	-0.06	-2%
UMR	3.60	3.74	3.42	3.42	3.59	-0.16	-4%
UMSL	2.44	2.37	2.49	2.47	2.62	0.19	8%
UM-System	2.89	2.92	2.90	2.87	2.94	0.03	1%
Internet/Video*							
UMC							
UMKC					3.00		
UMR							
UMSL					3.00		
UM-System					3.00		
Laboratory/Studio Sections							
UMC	1.78	1.73	1.83	1.83	1.71	-0.07	-4%
UMKC	2.72	2.74	2.39	2.63	2.65	0.11	4%
UMR	1.23	1.24	1.27	1.30	1.28	0.05	4%
UMSL	1.60	1.87	1.98	1.96	2.26	0.84	60%
UM-System	1.71	1.73	1.71	1.74	1.76	0.10	6%
Lecture							
UMC	2.78	2.78	2.76	2.79	2.81	-0.01	0%
UMKC	2.72	2.71	2.67	2.72	2.72	0.01	0%
UMR	2.77	2.76	2.74	2.75	2.75	-0.03	-1%
UMSL	2.75	2.83	2.78	2.77	2.84	0.07	2%
UM-System	2.76	2.75	2.73	2.76	2.77	0.00	0%
Rec/Sem/Dis							
UMC	2.14	2.00	2.00	1.98	1.88	-0.25	-12%
UMKC	2.34	2.23	2.22	2.20	2.05	-0.54	-21%
UMR	1.26	1.13	1.18	1.13	1.15	-0.14	-11%
UMSL	2.86	2.89	2.89	2.87	2.89	0.05	2%
UM-System	2.53	2.51	2.48	2.45	2.45	-0.07	-3%

* New Section type for Fall 2000.

Note: Actual change and percent change are rounded.

**Table 3d: Comparison of Average Enrollment per Section, By Section Type,
For Full-time, Regular, Ranked Faculty,
Fall 1996 - Fall 2000**

Campus	1996	1997	1998	1999	2000	Change	Percent Change
All Section Types							
UMC	18.2	19.4	19.0	18.7	18.7	0.5	3%
UMKC	14.5	14.7	13.5	13.9	13.3	-1.2	-8%
UMR	17.6	17.1	16.7	16.4	15.4	-2.2	-12%
UMSL	17.0	18.3	16.6	16.2	16.1	-0.9	-5%
UM-System	17.1	17.8	17.0	16.9	16.5	-0.6	-3%
Field/Clinical Sections							
UMC	3.9	7.7	9.2	3.1	4.4	0.5	12%
UMKC	15.8	16.9	14.0	8.3	5.0	-10.8	-68%
UMR							
UMSL	4.8	6.9	5.0	4.7	7.4	2.5	52%
UM-System	6.1	8.7	8.4	3.6	5.1	-1.0	-16%
Indep Lessons/Study							
UMC	2.5	2.6	2.2	2.3	2.4	-0.2	-7%
UMKC	1.9	1.9	1.8	1.9	1.9	0.0	-1%
UMR	2.2	2.0	2.0	1.9	2.1	-0.1	-5%
UMSL	2.5	2.5	2.5	3.8	3.4	0.9	34%
UM-System	2.4	2.3	2.1	2.3	2.3	0.0	-2%
Internet/Video*							
UMC							
UMKC					22.8		
UMR							
UMSL					1.0		
UM-System					14.6		
Laboratory/Studio							
UMC	14.9	16.5	13.0	12.2	12.4	-2.6	-17%
UMKC	28.2	27.2	31.4	23.5	19.0	-9.2	-33%
UMR	16.5	15.8	15.7	14.1	13.4	-3.1	-19%
UMSL	13.9	13.8	13.3	12.8	11.2	-2.7	-20%
UM-System	16.6	17.2	15.1	13.8	13.4	-3.3	-20%
Lecture							
UMC	36.3	36.6	38.3	35.2	36.1	-0.1	0%
UMKC	21.4	21.3	19.9	20.7	20.1	-1.3	-6%
UMR	25.5	24.7	24.4	24.3	23.0	-2.5	-10%
UMSL	38.4	38.6	36.3	32.2	29.3	-9.1	-24%
UM-System	29.8	29.7	29.8	28.6	28.3	-1.6	-5%
Recitation/Seminars/Discussion							
UMC	12.2	13.2	14.4	14.1	14.4	2.2	18%
UMKC	7.9	8.3	9.8	8.6	9.3	1.3	17%
UMR	23.1	21.2	23.9	20.2	21.0	-2.1	-9%
UMSL	18.5	19.3	18.5	17.5	18.7	0.2	1%
UM-System	16.2	16.9	17.0	16.1	17.0	0.8	5%

* New section type for fall 2000.

Note: Actual change and percent change are rounded.

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**Table 3e: Comparison of Average Student Credit Hours Produced of
Full-time, Regular, Ranked Faculty,
Fall 1996 - Fall 2000**

Campus	1996	1997	1998	1999	2000	Change	Percent Change
Full-time, Regular, All Ranks							
UMC	147	152	154	149	143	-4	-3%
UMKC	149	148	129	133	129	-20	-13%
UMR	152	144	139	132	131	-21	-14%
UMSL	145	149	139	132	137	-8	-6%
UM-System	148	150	144	140	137	-11	-7%
Professor							
UMC	155	152	150	154	141	-14	-9%
UMKC	138	141	118	126	118	-20	-14%
UMR	144	137	131	127	129	-15	-10%
UMSL	125	136	127	120	120	-5	-4%
UM-System	146	145	138	139	132	-14	-10%
Associate Professor							
UMC	150	151	164	147	141	-9	-6%
UMKC	148	145	139	132	137	-11	-7%
UMR	170	161	154	147	140	-30	-18%
UMSL	152	151	143	151	154	2	1%
UM-System	153	151	153	144	142	-11	-7%
Assistant Professor							
UMC	130	154	143	142	147	17	13%
UMKC	174	169	128	145	132	-42	-24%
UMR	140	129	136	120	122	-18	-13%
UMSL	157	166	152	117	138	-19	-12%
UM-System	143	155	140	136	139	-4	-3%

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 especially at the lower division level (Table 4).

- On average, graduate assistants were responsible for two sections during Fall 2000, reflecting 3.7 section credits.
- For the system, graduate assistants were responsible for 15% of all sections taught during Fall 2000.
- *At UMC, graduate assistants were responsible for over 51% of the lower division sections while at UMR they were responsible for 31% of the lower division sections.*
- *At UMKC and UMSL, 6% and 19% of all lower division sections were assigned to graduate assistants, respectively.*
- *For the system, graduate assistants taught 38% of the lower division lecture sections.*

Table 4: Teaching Loads of Graduate Teaching Assistants, Fall 2000

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	560	4.1	2.3	97.2	22.5
UM-Kansas City	51	3.5	1.2	83.6	23.4
UM-Rolla	147	2.1	1.4	48.9	21.4
UM-St. Louis	62	3.5	1.5	70.5	18.7
UM-System	820	3.7	2.0	85.7	22.1

On-Campus Instructional Contribution

Campus	Percent of Total:			
	Section Credits	Sections Taught	Student Credit Hours	Section Enrollments
UM-Columbia	17.9	23.8	19.7	24.8
UM-Kansas City	2.8	2.6	4.3	4.2
UM-Rolla	8.5	14.1	12.4	17.2
UM-St. Louis	3.6	4.6	3.9	4.7
UM-System	10.4	14.5	12.9	16.9

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

Campus	Section Type													Total
	Field/ Clinical		Indep Study		Laboratory/ Studio		Lecture		Recitation/ Sem/Disc		Internet/ Video		Total	
	#	%	#	%	#	%	#	%	#	%	#	%		
UM-Columbia	2	22%	18	17%	313	64%	312	36%	393	69%			1,038	
UM-Kansas City					1	2%	36	9%					37	
UM-Rolla					54	44%	29	17%	26	45%			109	
UM-St. Louis					24	46%	9	8%	36	22%			69	
UM-System	2	22%	18	8%	392	54%	386	25%	455	57%			1,253	

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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 Robert Mullen at (573) 882-0004 or mullenrw@umsystem.edu.