

**Faculty Teaching Load Responsibility  
Executive Summary  
Fall 2001**

Report Prepared by  
Robert Mullen  
Assistant Director,  
and Elisa Day,  
Program Assistant  
Institutional Research and Planning  
Office of Planning & Budget  
[mullenrw@umsystem.edu](mailto:mullenrw@umsystem.edu)

**March 2002  
Revised April, 2002**

**University of Missouri System  
P&B 02-04**

Web location:

<http://www.system.missouri.edu/planning/planning.html>

**EXECUTIVE SUMMARY**  
**FACULTY TEACHING LOAD RESPONSIBILITY**  
**FALL 2001**

This report summarizes the analysis of the on-campus teaching loads of full-time, regular, ranked faculty for the fall 2001 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. Data on off-schedule and off-campus instructional activities are not included in this report, nor are research buyouts reflected in the data. Beyond reporting teaching loads for fall 2001, the report includes a comparative analysis of changes in teaching loads since fall 1997.

Key findings include:

- The average number of section credits assigned to full-time, regular, ranked faculty was 8.7 (Table 1).
- 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 140 (Table 1).
- Full-time, regular, ranked faculty were responsible for 52% of all on-campus sections and 47% of all on-campus student credit hours produced (Table 2).
- Since 1997, the average assigned section credits of full-time, regular, ranked faculty has remained stable (Table 3a).
- UM-System totals indicate that the average student credit hours produced by full-time, regular, ranked faculty has dropped 13% over the past five years (Table 3e).
- System-wide, graduate assistants were responsible for 38% of the lower division sections taught in the fall of 2001 (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 2001 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 8.2 at UMC to 9.5 at UMR.
- The average number of sections assigned system-wide was 3.3.
- The highest average student credit hour production per faculty was at UMC (147), while the overall system average was 140 student credit hours.
- Average section enrollments ranged from 18.8 at UMC to 14.3 at UMKC. System-wide, the average was 16.7.

**Table 1: On-Campus Average Instructional Responsibility and Productivity of Full-time, Regular, Ranked Faculty, Fall 2001**

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	697	8.6	3.2	132	16.3
Associate Professor	666	9.2	3.5	150	16.8
Assistant Professor	494	8.3	3.1	138	17.0
Total	1,857	8.7	3.3	140	16.7
Index*	1.0	1.0	1.0	1.0	1.0
University of Missouri - Columbia					
Professor	344	8.5	3.1	142	18.4
Associate Professor	317	8.5	3.3	151	18.4
Assistant Professor	261	7.5	2.8	148	20.1
Total	922	8.2	3.1	147	18.8
Index*	0.5	0.9	0.9	1.0	1.1
University of Missouri - Kansas City					
Professor	141	8.4	3.1	126	15.0
Associate Professor	162	10.0	3.7	145	14.3
Assistant Professor	104	9.5	3.4	125	13.2
Total	407	9.3	3.4	133	14.3
Index*	0.2	1.1	1.1	1.0	0.9
University of Missouri - Rolla					
Professor	107	9.6	3.6	110	13.0
Associate Professor	80	9.8	3.6	150	17.8
Assistant Professor	68	9.1	3.4	119	13.6
Total	255	9.5	3.5	125	14.7
Index*	0.1	1.1	1.1	0.9	0.9
University of Missouri - St. Louis					
Professor	105	8.1	3.0	128	15.2
Associate Professor	107	9.6	3.6	154	15.6
Assistant Professor	61	8.8	3.2	139	15.5
Total	273	8.8	3.3	141	15.4
Index*	0.1	1.0	1.0	1.0	0.9

\* 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 55% of the assigned section credits.
- At UMR, they were responsible for 67% of the section credits, while at UMSL, they were responsible for 39% of the section credits.
- System-wide, 52% of all sections were assigned to this group. These faculty members were assigned almost two of every three sections offered at UMR and UMKC and four of every ten sections offered at UMSL.

**Table 2: On-Campus Instructional Contribution of Full-time, Regular, Ranked Faculty,  
Fall 2001**

<b>Rank</b>	<b>Percent of Total:</b>			
	<b>Section Credits</b>	<b>Sections Taught</b>	<b>Student Credit Hours</b>	<b>Section Enrollments</b>
<b>University of Missouri - System</b>				
Professor	20	19	16	16
Associate Professor	21	20	18	18
Assistant Professor	14	13	12	12
Total	55	52	47	45
<b>University of Missouri - Columbia</b>				
Professor	22	19	17	16
Associate Professor	20	18	17	16
Assistant Professor	14	13	13	12
Total	56	50	47	44
<b>University of Missouri - Kansas City</b>				
Professor	19	19	18	19
Associate Professor	26	26	24	24
Assistant Professor	16	15	13	13
Total	60	61	56	56
<b>University of Missouri - Rolla</b>				
Professor	28	26	20	20
Associate Professor	22	19	20	20
Assistant Professor	17	15	14	12
Total	67	61	54	52
<b>University of Missouri - St. Louis</b>				
Professor	14	14	12	12
Associate Professor	17	18	15	15
Assistant Professor	9	9	7	8
Total	39	41	34	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.

## **COMPARISONS TO PREVIOUS FALL SEMESTERS, FULL-TIME, REGULAR RANKED FACULTY**

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, the average number of section credits assigned has remained fairly stable over the past five years (Table 3a).
- System-wide, the number of sections assigned to this group declined by 2% (Table 3b).
- Average enrollment per section has declined over the past five years. System-wide, enrollment per section has dropped from 17.8 in 1997 to 16.6 students per section in 2001 (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 has dropped from 150 in 1997 to 140 in 2001 (Table 3e).

**Table 3a: Comparison of Average Assigned Section Credits of  
Full-time, Regular, Ranked Faculty,  
Fall 1997 - Fall 2001**

						Five-Year Trend	
Campus	1997	1998	1999	2000	2001	Change	Percent Change
Full-time, Regular, All Ranks							
UMC	8.2	8.4	8.5	8.0	8.2	0.0	0%
UMKC	10.1	9.9	9.6	9.7	9.3	-0.8	-8%
UMR	9.7	9.4	9.0	9.5	9.5	-0.2	-2%
UMSL	7.9	8.3	7.9	8.3	8.8	0.9	11%
UM-System	8.7	8.8	8.7	8.6	8.7	0.0	0%
Professor							
UMC	8.2	8.5	8.8	8.0	8.5	0.3	3%
UMKC	10.5	10.1	9.6	9.2	8.4	-2.1	-21%
UMR	9.5	9.6	9.3	9.5	9.6	0.1	1%
UMSL	7.3	7.6	7.7	7.8	8.1	0.8	11%
UM-System	8.8	8.9	8.9	8.4	8.6	-0.2	-2%
Associate Professor							
UMC	8.3	8.6	8.4	8.4	8.5	0.2	2%
UMKC	10.1	10.2	9.9	10.1	10.0	-0.1	-1%
UMR	10.3	9.4	8.8	9.9	9.8	-0.5	-5%
UMSL	8.3	8.7	8.4	9.0	9.6	1.3	15%
UM-System	9.0	9.1	8.8	9.1	9.2	0.2	2%
Assistant Professor							
UMC	7.7	7.8	7.9	7.6	7.5	-0.2	-2%
UMKC	9.3	8.7	9.2	9.7	9.5	0.2	2%
UMR	9.1	9.0	8.5	9.1	9.1	0.0	0%
UMSL	7.8	8.6	7.4	8.1	8.8	1.0	12%
UM-System	8.2	8.3	8.2	8.4	8.3	0.1	1%

Note: Actual change and percent change are rounded.  
IRP/ed 03/2002



**Table 3b: Comparison of Number of Sections Assigned to  
Full-time, Regular, Ranked Faculty,  
Fall 1997 - Fall 2001**

Campus	1997	1998	1999	2000	2001	Five-Year Trend	
						Change	Percent Change
All Section Types							
UM C	2,906	2,970	2,903	2,778	2,854	-52	-2%
UM KC	1,460	1,405	1,419	1,469	1,401	-59	-4%
UM R	950	969	957	931	901	-49	-5%
UM SL	836	839	862	875	896	60	7%
UM -System	6,152	6,183	6,141	6,053	6,052	-100	-2%
Field/Clinical Sections							
UM C	63	104	76	67	56	-7	-11%
UM KC	13	9	3	4	5	-8	-62%
UM R							
UM SL	28	41	18	20	24	-4	-14%
UM -System	104	154	97	91	85	-19	-18%
Indep Lesson/Study							
UM C	1,127	1,207	1,083	1,075	1,002	-125	-11%
UM KC	493	506	502	533	457	-36	-7%
UM R	269	286	272	274	279	10	4%
UM SL	199	221	224	220	236	37	19%
UM -System	2,088	2,220	2,080	2,102	1,974	-114	-5%
Internet/Video*							
UM C					9	9	
UM KC				5	6	6	
UM R							
UM SL				3	5	5	
UM -System				8	20	20	
Laboratory/Studio Sections							
UM C	225	201	190	204	225	0	0%
UM KC	50	28	35	57	53	3	6%
UM R	114	121	135	136	126	12	11%
UM SL	45	47	54	58	81	36	80%
UM -System	435	398	414	455	485	50	11%
Lecture							
UM C	1,261	1,218	1,289	1,189	1,243	-18	-1%
UM KC	878	844	859	851	862	-16	-2%
UM R	544	535	521	495	467	-77	-14%
UM SL	162	153	166	168	167	5	3%
UM -System	2,845	2,750	2,835	2,702	2,738	-107	-4%
Recitation/Seminar/Discussion							
UM C	230	240	266	243	319	89	39%
UM KC	26	18	20	20	18	-8	-31%
UM R	23	28	30	26	29	6	26%
UM SL	401	376	397	406	384	-17	-4%
UM -System	680	662	712	695	750	70	10%

\*New section type in fall 2000.

IRP/ed 3/2002

**Table 3c: Comparison of Average Credit Value per Section, By Section Type,  
For Full-time, Regular, Ranked Faculty,  
Fall 1997 - Fall 2001**

Campus	1997	1998	1999	2000	2001	Five-Year Trend	
						Change	Percent Change
All Section Types							
UM C	2.68	2.67	2.71	2.71	2.66	-0.02	-1%
UM KC	2.73	2.74	2.71	2.71	2.71	-0.02	-1%
UM R	2.81	2.72	2.69	2.73	2.69	-0.12	-4%
UM SL	2.73	2.82	2.73	2.80	2.69	-0.04	-2%
UM -System	2.72	2.71	2.71	2.73	2.68	-0.04	-2%
Field/Clinical Sections							
UM C	3.10	2.51	3.32	3.01	3.02	-0.08	-3%
UM KC	3.23	3.44	4.00	3.00	2.60	-0.63	-20%
UM R							
UM SL	4.04	5.07	4.56	4.15	3.29	-0.74	-18%
UM -System	3.37	3.25	3.57	3.26	3.07	-0.29	-9%
Indep Lesson/Study							
UM C	2.87	2.86	2.89	2.95	3.06	0.19	7%
UM KC	2.80	2.87	2.72	2.72	2.78	-0.02	-1%
UM R	3.74	3.42	3.42	3.59	3.41	-0.33	-9%
UM SL	2.37	2.49	2.47	2.62	2.66	0.29	12%
UM -System	2.92	2.90	2.87	2.94	3.00	0.08	3%
Internet/Video*							
UM C					2.89	2.89	
UM KC				3.00	3.00	3.00	
UM R							
UM SL				3.00	3.00	3.00	
UM -System				3.00	2.95	2.95	
Laboratory/Studio Sections							
UM C	1.73	1.83	1.83	1.71	1.74	0.01	1%
UM KC	2.74	2.39	2.63	2.65	2.17	-0.57	-21%
UM R	1.24	1.27	1.30	1.28	1.28	0.04	3%
UM SL	1.87	1.98	1.96	2.26	1.83	-0.04	-2%
UM -System	1.73	1.71	1.74	1.76	1.68	-0.05	-3%
Lecture							
UM C	2.78	2.76	2.79	2.81	2.69	-0.08	-3%
UM KC	2.71	2.67	2.72	2.72	2.73	0.02	1%
UM R	2.76	2.74	2.75	2.75	2.74	-0.02	-1%
UM SL	2.83	2.78	2.77	2.84	2.75	-0.07	-3%
UM -System	2.75	2.73	2.76	2.77	2.72	-0.04	-1%
Rec/Sem/D is							
UM C	2.00	2.00	1.98	1.88	1.80	-0.21	-10%
UM KC	2.23	2.22	2.20	2.05	1.78	-0.45	-20%
UM R	1.13	1.18	1.13	1.15	1.24	0.11	10%
UM SL	2.89	2.89	2.87	2.89	2.81	-0.08	-3%
UM -System	2.51	2.48	2.45	2.45	2.29	-0.21	-9%

\* New Section type for Fall 2000.

**Table 3d: Comparison of Average Enrollment per Section, By Section Type,  
For Full-time, Regular, Ranked Faculty,  
Fall 1997 - Fall 2001**

Campus	1997	1998	1999	2000	2001	Five-Year Trend	
						Change	Percent Change
All Section Types							
UM C	19.4	19.0	18.7	18.7	18.8	-0.5	-3%
UM KC	14.7	13.5	13.9	13.3	14.3	-0.4	-3%
UM R	17.1	16.7	16.4	15.4	14.7	-2.4	-14%
UM SL	18.3	16.6	16.2	16.1	15.4	-2.9	-16%
UM -System	17.8	17.0	16.9	16.5	16.6	-1.1	-6%
Field/Clinical Sections							
UM C	7.7	9.2	3.1	4.4	4.8	-2.9	-38%
UM KC	16.9	14.0	8.3	5.0	12.8	-4.1	-24%
UM R							
UM SL	6.9	5.0	4.7	7.4	5.7	-1.3	-18%
UM -System	8.7	8.4	3.6	5.1	5.5	-3.1	-36%
Indep Lessons/Study							
UM C	2.6	2.2	2.3	2.4	2.4	-0.2	-7%
UM KC	1.9	1.8	1.9	1.9	1.9	0.0	-1%
UM R	2.0	2.0	1.9	2.1	2.3	0.3	17%
UM SL	2.5	2.5	3.8	3.4	3.7	1.2	50%
UM -System	2.3	2.1	2.3	2.3	2.4	0.1	4%
Internet/Video*							
UM C					20.6	20.6	
UM KC				22.8	15.0	15.0	
UM R							
UM SL				1.0	14.4	14.4	
UM -System				14.6	17.4	17.4	
Laboratory/Studio							
UM C	16.5	13.0	12.2	12.4	12.7	-3.9	-23%
UM KC	27.2	31.4	23.5	19.0	18.9	-8.3	-30%
UM R	15.8	15.7	14.1	13.4	14.5	-1.3	-8%
UM SL	13.8	13.3	12.8	11.2	11.2	-2.6	-19%
UM -System	17.2	15.1	13.8	13.4	13.6	-3.7	-21%
Lecture							
UM C	36.6	38.3	35.2	36.1	34.4	-2.2	-6%
UM KC	21.3	19.9	20.7	20.1	20.6	-0.7	-3%
UM R	24.7	24.4	24.3	23.0	21.9	-2.8	-11%
UM SL	38.6	36.3	32.2	29.3	29.9	-8.7	-22%
UM -System	29.7	29.8	28.6	28.3	27.6	-2.1	-7%
Recitation/Seminars/Discussion							
UM C	13.2	14.4	14.1	14.4	16.8	3.6	28%
UM KC	8.3	9.8	8.6	9.3	10.1	1.8	22%
UM R	21.2	23.9	20.2	21.0	19.3	-1.9	-9%
UM SL	19.3	18.5	17.5	18.7	17.8	-1.5	-8%
UM -System	16.9	17.0	16.1	17.0	17.3	0.4	2%

\* New section type for fall 2000.

Note: Actual change and percent change are rounded.

**Table 3e: Comparison of Average Student Credit Hours Produced of  
Full-time, Regular, Ranked Faculty,  
Fall 1997 - Fall 2001  
Revised: April, 2002**

Campus	1997	1998	1999	2000	2001	Five-Year Trend	
						Change	Percent Change
Full-time, Regular, All Ranks							
UMC	152	154	149	143	147	-5	-3%
UMKC	148	129	133	129	133	-15	-10%
UMR	144	139	132	131	125	-19	-13%
UMSL	149	139	132	137	141	-8	-5%
UM-System	150	144	140	137	140	-10	-7%
Professor							
UMC	152	150	154	141	142	-10	-7%
UMKC	141	118	126	118	126	-15	-11%
UMR	137	131	127	129	110	-27	-20%
UMSL	136	127	120	120	128	-8	-6%
UM-System	145	138	139	132	132	-13	-9%
Associate Professor							
UMC	151	164	147	141	151	0	0%
UMKC	145	139	132	137	145	0	0%
UMR	161	154	147	140	150	-11	-7%
UMSL	151	143	151	154	154	3	2%
UM-System	151	153	144	142	150	-1	-1%
Assistant Professor							
UMC	154	143	142	147	148	-6	-4%
UMKC	169	128	145	132	125	-44	-26%
UMR	129	136	120	122	119	-10	-8%
UMSL	166	152	117	138	139	-27	-16%
UM-System	155	140	136	139	138	-17	-11%

IRP/ed 4/2002

Note: Actual change and percent change are rounded.

## **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 2001, reflecting 3.8 section credits.
- For the system, graduate assistants were responsible for 15% of all sections taught during Fall 2001.
- At UMC, graduate assistants were responsible for over 49% of the lower division sections while at UMR they were responsible for 40% of the lower division sections.
- At UMKC and UMSL, 9% and 18% 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 2001**

**On-Campus Average Instructional Responsibility and Productivity**

<b>Campus</b>	<b>Number</b>	<b>Average Responsibility</b>		<b>Average Productivity</b>	
		<b>Section Credits Taught</b>	<b>Number of Sections Taught</b>	<b>Student Credit Hours Produced</b>	<b>Section Size</b>
UM-Columbia	571	4.2	2.3	98.3	21.8
UM-Kansas City	44	4.7	1.7	84.6	15.8
UM-Rolla	164	2.2	1.5	48.1	18.5
UM-St. Louis	66	4.0	1.8	91.3	21.3
UM-System	845	3.8	2.1	87.3	21.1

**On-Campus Instructional Contribution**

<b>Campus</b>	<b>Percent of Total:</b>			
	<b>Section Credits</b>	<b>Sections Taught</b>	<b>Student Credit Hours</b>	<b>Section Enrollments</b>
UM-Columbia	17%	23%	19%	23%
UM-Kansas City	3%	3%	4%	3%
UM-Rolla	10%	16%	13%	17%
UM-St. Louis	4%	5%	5%	6%
UM-System	11%	15%	13%	16%

Table 4 (cont.)

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

Campus	Section Type												T #
	Field/ Clinical		Indep Study		Laboratory/ Studio		Lecture		Recitation/ Sem/Disc		Internet/ Video		
	#	%	#	%	#	%	#	%	#	%	#	%	
UM-Columbia			22	25%	315	65%	354	36%	354	60%	0	0%	1,045
UM-Kansas City			15	20%	0	0%	33	9%	0	0%	1	17%	49
UM-Rolla			0	0%	74	60%	34	20%	34	50%	0	0%	142
UM-St. Louis			0	0%	9	17%	13	12%	43	28%	2	50%	67
UM-System	0	0%	37	17%	398	54%	434	27%	431	53%	3	27%	1,303

## **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](mailto:mullenrw@umsystem.edu).