Faculty Teaching Load Responsibility Executive Summary Fall 2000 *REVISED: March 6, 2002 (Changes in Italcs)*

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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

			Average	Responsibility	Averag	e Productivity
			Section	Number	Student	Ľ
			Credits	of Sections	Credit Hours	Average
Rank	N	umber	Taught	Taught	Produced	Section Size
			Universi	ty of Missouri - Sy	vstem	
		754				167
Professor		756	8.4	3.1	132	16.7
Associate Professor Assistant Professor		670	9.1	3.4	142	16.1
	atal	486	8.4	$\frac{3.0}{3.2}$	$\frac{139}{137}$	17.1
Inde	otal	1,912	8.6			16.6
Ind	ex*	1.0	1.0	1.0	1.0	1.0
			University	v of Missouri - Col	umbia	
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
То	otal	937	8.0	3.0	143	18.8
Inde	ex*	0.5	0.9	0.9	1.0	1.1
			University	of Missouri - Kans	sas 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
То	otal	412	9.7	3.6	129	13.3
Inde	ex*	0.2	1.1	1.1	0.9	0.8
			Univers	ity of Missouri - R	Rolla	
Professor		122	9.5	3.5	129	15.6
Associate Professor		79	9.9	3.7	129	15.0
Assistant Professor		67	9.1	3.1	122	14.3
	otal	268	9.5	3.5	131	15.5
Inde		0.1	1.1	1.1	1.0	0.9
Ind	UX.	0.1	1.1	1.1	1.0	0.9
			Universit	y 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
То	otal	295	8.3	3.0	137	16.1
Inde	ex*	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.

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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.

		Percent	of Total:	
			Student	
	Section	Sections	Credit	Section
Rank	Credits	Taught	Hours	Enrollments
	Т	J niversity of M	issouri Sveta	m
		Juiversity of M	1550u11 - Syste	
Professor	22	21	18	18
Associate Professor	21	20	17	17
Assistant Professor	14	13	12	12
Tota	1 57	54	48	47
	U	niversity of Mis	souri - Colum	ıbia
		•		
Professor	23	20	19	18
Associate Professor	21	18	16	15
Assistant Professor	14	13	13	12
Tota	58	52	48	45
	Uni	iversity of Miss	ouri - Kansas	City
Professor	20	20	17	17
Associate Professor	20	25	22	24
Assistant Professor	17	16	15	14
Tota		61	54	55
		University of N	fissouri - Roll	ิล
		emitersity of th	10000011 1101	
Professor	33	30	27	27
Associate Professor	22	20	19	19
Assistant Professor	17	15	14	12
Tota	1 72	65	61	58
	U	niversity of Mi	ssouri - St. Lo	ouis
Dueferer	15	15	12	10
Professor	15	15	12	12
Associate Professor	17	18	16	16
Assistant Professor	9	<u> </u>	$\frac{8}{26}$	$\frac{8}{37}$
Tota	l 41	42	36	3/

Table 2: On-Campus Instructional Contribution of Full-time, Regular, Ranked Faculty,Fall 2000

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 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).

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%
			Asso	ciate Prof	essor		
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%
			Assi	stant Prof	essor		
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%

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

Note: Actual change and percent change are rounded. IRP 12/04/00

Table 3b: Comparison of Number of Sections Assigned to Full-time, Regular, Ranked Faculty, Fall 1996 - Fall 2000

							Percent
Campus	1996	1997	1998	1999	2000	Change	Change
			Alls	Section Ty	pes		
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/0	Clinical Sec	ctions		
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%
			Inde	o Lesson/St	tudy		
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%
			Int	ernet/Vide	0*		
UMC					-		
UMKC					5		
UMR					2		
UMSL UM-System					3 8		
UWI-System					0		
				ory/Studio			
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	48 433	45 435	47 398	54 414	58 455	10 22	21% 5%
UM-System	455	455	398	414	433	22	370
				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				
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. IRP 12/04/00

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

							Percent
Campus	1996	1997	1998	1999	2000	Change	Change
			Al	l Section Types	5		
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	I/Clinical Section	ons		
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%
			Ind	ep Lesson/Stud	lv		
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%
			Iı	nternet/Video*			
UMC UMKC UMR					3.00		
UMSL UM-System					3.00 3.00		
			Labora	tory/Studio See	ctions		
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
•				Section Typ	65	0	0
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/C	Clinical Sect	tions		
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/St	udy		
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%
			Inte	ernet/Video	*		
UMC UMKC					22.8		
UMR							
UMSL					1.0		
UM-System					14.6		
			Laha	watawa/Stu	lia		
UMC —	14.9	16.5	13.0	oratory/Stud 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/D	iscussion		
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

							Percent
Campus	1996	1997	1998	1999	2000	Change	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%
				Professo	r		
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%
			Ass	ociate Pro	fessor		
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%
			Assi	istant Pro	fessor		
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. IRP $12 / 04 / 00\,$

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

Campus		Average R	esponsibility	Aver	age Productivity
	Number	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-Systen	n 820	3.7	2.0	85.7	22.1

On-Campus Average Instructional Responsibility and Productivity

On-Campus Instructional Contribution

			Percent of	Total:
			Student	
	Section	Sections	Credit	Section
Campus	Credits	Taught	Hours	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

-							Sectio	on Type					
	Fiel Clini		Inc Stu	-	Labora Stua	•	Lect	ure	Recitation Sem/Disc		Internet/ Video	,	То
Campus	#	%	#	%	#	%	#	%	#	%	#	%	#
UM-Columbia	2	22%	18	17%	313	64%	312	36%	393	69%			1,038
UM-Kansas City					1	2%	36	9%					37
UMARolla					54	44%	29	17%	26	45%			109
UM-St. Louis					24	46%	9	8%	36	22%			69
UMSystem	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.