

# **UNIVERSITY OF HOUSTON-DOWNTOWN**

## **DEPARTMENT OF COMPUTER AND MATHEMATICAL SCIENCES UNIT PROFILE**



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**DEPARTMENT OF COMPUTER AND MATHEMATICAL SCIENCES**  
**UNIT PROFILE**

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1. Semester Credit Hours by Tenure Status (Fall 04-Fall 07)

**TABLE 1: HEADCOUNT AND AVERAGE CLASS SIZE BY DISCIPLINE, LOWER/UPPER DIVISION**

		<u>FALL 2004</u>	<u>FALL 2005</u>	<u>FALL 2006</u>	<u>FALL 2007</u>
<b>CS</b>	LOWER DIVISION HEADCOUNT	193	206	234	235
	NUMBER OF LD SECTIONS	8	11	12	12
	AVERAGE CLASS SIZE	24.13	18.73	19.50	19.58
	UPPER DIVISION HEADCOUNT	229	202	191	188
	NUMBER OF UD SECTIONS	14	13	14	11
	AVERAGE CLASS SIZE	16.36	15.54	13.64	17.09
<b>TOTAL CS HEADCOUNT</b>		<b>422</b>	<b>408</b>	<b>425</b>	<b>423</b>
<b>DEVELOPMENTAL MATH</b>	LOWER DIVISION HEADCOUNT	1,756	1,632	1,588	1,489
	NUMBER OF LD SECTIONS	55	54	57	52
	AVERAGE CLASS SIZE	31.93	30.22	27.86	28.63
<b>TOTAL DEV MATH HEADCOUNT</b>		<b>1,756</b>	<b>1,632</b>	<b>1,588</b>	<b>1,489</b>
<b>SUPPLEMENTAL MATH</b>	LOWER DIVISION HEADCOUNT	43	73	0	0
	NUMBER OF LD SECTIONS	2	1	0	0
	AVERAGE CLASS SIZE	21.50	73.00	0.00	0.00
<b>TOTAL SUPPLEMENTAL MATH HEADCOUNT</b>		<b>43</b>	<b>73</b>	<b>0</b>	<b>0</b>
<b>MATH</b>	LOWER DIVISION HEADCOUNT	2,388	2,249	2,227	2,438
	NUMBER OF LD SECTIONS	74	74	75	77
	AVERAGE CLASS SIZE	32.27	30.39	29.69	31.66
	UPPER DIVISION HEADCOUNT	202	255	218	207
	NUMBER OF UD SECTIONS	8	10	9	7
	AVERAGE CLASS SIZE	25.25	25.50	24.22	29.57
<b>TOTAL MATH HEADCOUNT</b>		<b>2,590</b>	<b>2,504</b>	<b>2,445</b>	<b>2,645</b>
<b>STAT</b>	LOWER DIVISION HEADCOUNT	32	53	64	46
	NUMBER OF LD SECTIONS	1	2	2	2
	AVERAGE CLASS SIZE	32.00	26.50	32.00	23.00
	UPPER DIVISION HEADCOUNT	759	708	773	700
	NUMBER OF UD SECTIONS	24	29	31	29
	AVERAGE CLASS SIZE	31.63	24.41	24.94	24.14
<b>TOTAL MATH HEADCOUNT</b>		<b>791</b>	<b>761</b>	<b>837</b>	<b>746</b>
<b>DEPARTMENT AVERAGE CLASS SIZE TOTAL</b>	LOWER DIVISION HEADCOUNT	4,412	4,213	4,113	4,208
	NUMBER OF LD SECTIONS	140	142	146	143
	AVERAGE CLASS SIZE	31.51	29.67	28.17	29.43
	UPPER DIVISION HEADCOUNT	1,190	1,165	1,182	1,095
	NUMBER OF UD SECTIONS	46	52	54	47
	AVERAGE CLASS SIZE	25.87	22.40	21.89	23.30
<b>TOTAL DEPT HEADCOUNT</b>		<b>5,602</b>	<b>5,378</b>	<b>5,295</b>	<b>5,303</b>
<b>% LOWER</b>		<b>79%</b>	<b>78%</b>	<b>78%</b>	<b>79%</b>
<b>% UPPER</b>		<b>21%</b>	<b>22%</b>	<b>22%</b>	<b>21%</b>

**TABLE 2: COURSE COMPLETERS BY DISCIPLINE  
(FALL 04 - FALL 07)**

<b>DISCIPLINE</b>	<b><u>F 04</u></b>	<b><u>F 05</u></b>	<b><u>F 06</u></b>	<b><u>F 07</u></b>
CS	81%	89%	88%	90%
MATH	88%	90%	90%	90%
STAT	87%	88%	92%	92%
<b>OVERALL:</b>	<b>85%</b>	<b>89%</b>	<b>90%</b>	<b>91%</b>

**TABLE 3: GRADUATES: BACHELOR  
(FY 04 - FY 07)**

<b>MAJOR</b>	<b><u>FY 04</u></b>	<b><u>FY 05</u></b>	<b><u>FY 06</u></b>	<b><u>FY 07</u></b>
APPLIED MATH/APPLIED STATISTICS-BS	8	6	12	14
COMPUTER SCIENCE-BS	36	28	32	24
<b>TOTAL:</b>	<b>44</b>	<b>34</b>	<b>44</b>	<b>38</b>

**TABLE 4: SEMESTER CREDIT HOURS BY DISCIPLINE, TENURE STATUS, & LOWER/UPPER DIVISION**

		<u>FALL 2004</u>			<u>FALL 2005</u>			<u>FALL 2006</u>			<u>FALL 2007</u>		
		LD	UD	TOTAL	LD	UD	TOTAL	LD	UD	TOTAL	LD	UD	TOTAL
<b>CS</b>	TENURE/T-TRACK	685	664	1,349	577	582	1,159	636	522	1,158	558	472	1,030
	NT: FULL TIME	0	0	0	30	0	30	0	0	0	0	0	0
	NT: PART TIME	0	0	0	105	0	105	168	0	168	252	0	252
		<u>685</u>	<u>664</u>	<u>1,349</u>	<u>712</u>	<u>582</u>	<u>1,294</u>	<u>804</u>	<u>522</u>	<u>1,326</u>	<u>810</u>	<u>472</u>	<u>1,282</u>
<b>DEVELOPMENTAL MATH</b>	TENURE/T-TRACK	615	N/A	615	708	N/A	708	1,041	0	1,041	936	0	936
	NT: FULL TIME	1,317	N/A	1,317	1,317	N/A	1,317	1,288	0	1,288	1,588	0	1,588
	NT: PART TIME	3,336	N/A	3,336	2,871	N/A	2,871	2,319	0	2,319	1,862	0	1,862
		<u>5,268</u>	<u>N/A</u>	<u>5,268</u>	<u>4,896</u>	<u>N/A</u>	<u>4,896</u>	<u>4,648</u>	<u>0</u>	<u>4,648</u>	<u>4,386</u>	<u>0</u>	<u>4,386</u>
<b>SUPPLEMENTAL MATH</b>	TENURE/T-TRACK	0	N/A	0	0	N/A	0	0	0	0	0	0	0
	NT: FULL TIME	43	N/A	43	73	N/A	73	0	0	0	0	0	0
	NT: PART TIME	0	N/A	0	0	N/A	0	0	0	0	0	0	0
		<u>43</u>	<u>N/A</u>	<u>43</u>	<u>73</u>	<u>N/A</u>	<u>73</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>MATH</b>	TENURE/T-TRACK	3,917	553	4,470	3,725	617	4,342	3,563	746	4,309	4,241	696	4,937
	NT: FULL TIME	1,522	99	1,621	1,101	195	1,296	1,788	0	1,788	1,341	0	1,341
	NT: PART TIME	2,034	0	2,034	2,193	0	2,193	1,588	0	1,588	2,025	0	2,025
		<u>7,473</u>	<u>652</u>	<u>8,125</u>	<u>7,019</u>	<u>812</u>	<u>7,831</u>	<u>6,939</u>	<u>746</u>	<u>7,685</u>	<u>7,607</u>	<u>696</u>	<u>8,303</u>
<b>STAT</b>	TENURE/T-TRACK	0	1,335	1,335	0	1,290	1,290	0	1,653	1,653	0	1,371	1,371
	NT: FULL TIME	0	243	243	90	204	294	96	126	222	102	177	279
	NT: PART TIME	96	699	795	69	630	699	96	528	624	36	576	612
		<u>96</u>	<u>2,277</u>	<u>2,373</u>	<u>159</u>	<u>2,124</u>	<u>2,283</u>	<u>192</u>	<u>2,307</u>	<u>2,499</u>	<u>138</u>	<u>2,124</u>	<u>2,262</u>
<b>SUMMARY OF SCH TAUGHT BY TENURE STATUS</b>													
<b>TOTAL BY TENURE STATUS</b>													
		<u>F 04</u>	<u>F 04</u>	<u>F 04</u>	<u>F 05</u>	<u>F 05</u>	<u>F 05</u>	<u>F 06</u>	<u>F 06</u>	<u>F 06</u>	<u>F 07</u>	<u>F 07</u>	<u>F 07</u>
		LD	UD	TOTAL	LD	UD	TOTAL	LD	UD	TOTAL	LD	UD	TOTAL
<b>TENURE/T-TRACK</b>		<b>5,217</b>	<b>2,552</b>	<b>7,769</b>	<b>5,010</b>	<b>2,489</b>	<b>7,499</b>	<b>5,240</b>	<b>2,921</b>	<b>8,161</b>	<b>5,735</b>	<b>2,539</b>	<b>8,274</b>
<b>NT: FULL TIME</b>		<b>2,882</b>	<b>342</b>	<b>3,224</b>	<b>2,611</b>	<b>399</b>	<b>3,010</b>	<b>3,172</b>	<b>126</b>	<b>3,298</b>	<b>3,031</b>	<b>177</b>	<b>3,208</b>
<b>NT: PART TIME</b>		<b>5,466</b>	<b>699</b>	<b>6,165</b>	<b>5,238</b>	<b>630</b>	<b>5,868</b>	<b>4,171</b>	<b>528</b>	<b>4,699</b>	<b>4,175</b>	<b>576</b>	<b>4,751</b>
<b>TOTAL</b>		<b>13,565</b>	<b>3,593</b>	<b>17,158</b>	<b>12,859</b>	<b>3,518</b>	<b>16,377</b>	<b>12,583</b>	<b>3,575</b>	<b>16,158</b>	<b>12,941</b>	<b>3,292</b>	<b>16,233</b>
<b>% BY T/T-TRACK</b>		39%	71%	<b>45%</b>	39%	71%	<b>46%</b>	42%	81%	<b>51%</b>	44%	77%	<b>51%</b>
<b>% BY NT: FULL TIME</b>		21%	10%	<b>19%</b>	20%	11%	<b>18%</b>	25%	4%	<b>20%</b>	23%	5%	<b>20%</b>
<b>% BY NT: PART TIME</b>		40%	19%	<b>36%</b>	41%	18%	<b>36%</b>	33%	15%	<b>29%</b>	32%	17%	<b>29%</b>

**CHART: SEMESTER CREDIT HOURS BY TENURE STATUS**

