

# **UCLA**

## **Information and Technology**

### **Title**

Sixth Annual UCLA Survey of Business School Computer Usage: Academic Year 1988-89 - Questionnaire

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**SIXTH ANNUAL UCLA SURVEY OF BUSINESS SCHOOL COMPUTER USAGE**  
**Anderson Graduate School of Management at UCLA**  
**Academic Year 1988-89**

*What are the hardware, software, and computer-oriented support structures in our business schools today?*

As in the second and fourth surveys, this, the sixth, is a comprehensive inventory of what computer-oriented resources your school has invested in and/or made available to support your instructional, research, and administrative missions. Included in the questionnaire are data sheets which present information stored on our databases for the 175 schools which participated in the fifth survey. Please update, or provide, the data as appropriate.

Complete as many of the questions as possible. If you do not know the exact answer to a particular question, an approximation is better than no answer at all. Feel free to add, comment, or elaborate on any question. We have incorporated your past suggestions into the annual surveys.

Please return this questionnaire by Monday, April 24, 1989, to:

Jason L. Frand, Director, Computing Services  
Anderson Graduate School of Management  
UCLA  
Los Angeles, CA 90024-1481  
FAX Number 213-206-2002

A report of this survey will be sent to you in September, 1989. The second, fourth, and fifth survey reports have been published in the Communications of the ACM, January, 1986, July, 1988, and January, 1989, respectively. Thank you for your ongoing participation.

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For reference purposes only, please provide the following information:

Your institution: \_\_\_\_\_ Today's date: \_\_\_\_\_

Your name: \_\_\_\_\_ Title: \_\_\_\_\_

Telephone: (\_\_\_\_) \_\_\_\_\_ Bitnet address: \_\_\_\_\_

# Budget

11. US \$ \_\_\_\_\_ the total annual business school operating budget for 1988-89 from all sources.
- 12a. US \$ \_\_\_\_\_ the total annual business school computer operating budget for 1988-89 from all sources
- including: staff salaries, benefits, and support, equipment maintenance and services, software and data acquisition and licenses, supplies, operating overhead, and computer recharge funds
- excluding: major capital acquisitions, microcomputer purchases, and faculty salaries

- 12b. Please estimate how this budget is allocated:
- \_\_\_\_\_ % to support undergraduate computing requirements
- \_\_\_\_\_ % to support MBA computing requirements
- \_\_\_\_\_ % to support research computing requirements
- \_\_\_\_\_ % to support administrative computing requirements
- 100 %

- 13a. Are students charged a fee for mini/mainframe or microcomputer usage?

Computer fee charged	Undergraduate	MBA
No		
Some free use, then must pay; specify:		
Yes, per course	\$	\$
Yes, per year	\$	\$
Yes, per page printed of output	\$	\$
Yes, other	\$	\$

- 13b. Are faculty charged a fee (other than university provided charge-back funds) for mini/mainframe or microcomputer usage?

\_\_\_\_\_ No  
 \_\_\_\_\_ Yes; please specify:

14. Source of funds for total business school computing for 1988-89.

Percentage of funds obtained from each of the following sources	Computer operations and maintenance	Hardware acquisitions	Software acquisitions
Business school and/or university funds	%	%	%
State and/or other government funding	%	%	%
Vendor supplied	%	%	%
Private endowment and/or contributions	%	%	%
Student fees	%	%	%
Other, _____	%	%	%
Total	100 %	100 %	100%

15. *Principal software packages or languages used in the business school. Write the name of the package(s) or language(s) in each of the categories shown below.*

Software category	On mini/mainframe systems		On microcomputers	
	Instruction	Research	Instruction	Research
AI, Expert Systems				
Business games (eg, Markstrat, Business Advantage)				
Communications (eg, Kermit, Yterm)				
Database management systems (eg, dBase, Focus, Ingres)				
Desktop publishing (eg, PageMaker, TeX)				
Development tools (eg, Excelerator)				
Graphics				
Integrated packages (eg, Works, Framework )				
Modeling and optimization (eg, IFPS, LINDO, What's Best)				
Office systems, electronic mail (eg, PROFS)				
Programming languages (eg, BASIC, COBOL)				
Project management (eg, Harvard PM, MacProject)				
Simulation (eg, GPSS, Simscript, Stella)				
Spreadsheet packages (eg, 1-2-3, Excel)				
Statistical packages (eg, SAS, Datadesk)				
Word processing				
Other, _____				

16. Does your business school have a computer literacy entrance requirement?

Undergraduates \_\_\_\_\_ No \_\_\_\_\_ Yes, briefly describe: \_\_\_\_\_

MBA's \_\_\_\_\_ No \_\_\_\_\_ Yes, briefly describe: \_\_\_\_\_

17. Computer requirements and/or expectations upon graduation from your business school. (Check all that apply.)

	Undergraduate		MBA	
	Required	Not required, but expected	Required	Not required, but expected
Computer or information systems concept course				
Use mini/mainframe system				
Use microcomputer				
Programming language (please specify the language)				
Use a word processing package				
Use a spreadsheet				
Use a database management system				
Online retrieval from database				
Pass computer literacy exam				
Other.				

18. Is *hands-on* use of computing required in the *undergraduate* core courses in your business school?

Introductory or core course	Classes requiring computer use (check one)			Source of courseware used (check all that apply)			
	None (or N/A)	Some sections	All sections	Developed internally	Acquired with the textbook	Acquired commercially	Acquired from other universities
Accounting							
Business Policy							
Economics							
Finance							
Information Systems							
Management Science							
Marketing							
Production							
Organization Behavior							
Statistics							

19. Is *hands-on* use of computing required in the *graduate* core courses in your business school?

Introductory or core course	Classes requiring computer use (check one)			Source of courseware used (check all that apply)			
	None (or N/A)	Some sections	All sections	Developed internally	Acquired with the textbook	Acquired commercially	Acquired from other universities
Accounting							
Business Policy							
Economics							
Finance							
Information Systems							
Management Science							
Marketing							
Production							
Organization Behavior							
Statistics							

20. *Computer related training for business school users* . Is each type of training doing the job? For your business school, please evaluate from 1 to 5 how effective each type of training seems to be where

0 = not provided at this time

1 = inadequate

3 = adequate for most users

5 = exceptionally effective in meeting the needs of our users

Type of training	Ungrad	MBA	Faculty	Staff
As part of classroom instruction				
University-provided workshops				
University provided one-on-one training				
Business school workshops (prior to the beginning of classes)				
Business school workshops (during the academic year)				
Handouts, workbooks, and other documentation				
CAI, video training				
Other, _____				

21. Are classrooms in the business school equipped to display interactive computer output (either terminals or microcomputers) to students?

\_\_\_\_\_ No, go to Question 23

\_\_\_\_\_ Yes, what type of technology is used for these displays? Please indicate vendor name and give an endorsement (see Question 4 for endorsement scale). E.g., Transpic (4)

Video projectors: \_\_\_\_\_

Video monitors: \_\_\_\_\_

LCD devices used with overhead projector (e.g., Datashow): \_\_\_\_\_

22. For the interactive computer output display technology listed in Question 21,

a. What percentage of classrooms *in the business school* are permanently equipped with these displays? \_\_\_\_\_ %

b. Does the business school have mobile units that can be wheeled from classroom to classroom?

\_\_\_\_\_ No

\_\_\_\_\_ Yes, \_\_\_\_\_ number of units  
 \_\_\_\_\_ staff deliver to classroom  
 \_\_\_\_\_ faculty must pick up and return  
 \_\_\_\_\_ other, \_\_\_\_\_

23. Were your MBAs required to purchase their own microcomputers for the 1988-89 academic year?

- \_\_\_\_\_ No
- \_\_\_\_\_ No, but it was recommended. Make: \_\_\_\_\_
- \_\_\_\_\_ No, but it is being planned for next year (1989-90). Make: \_\_\_\_\_
- \_\_\_\_\_ Yes, for some students (e.g., information systems majors, executive MBAs, etc); please specify: \_\_\_\_\_
- \_\_\_\_\_ Yes, for all students. Make: \_\_\_\_\_

24. Who does your maintenance for school owned microcomputers?

- \_\_\_\_\_ None, haven't dealt with that yet.
- \_\_\_\_\_ Own staff
- \_\_\_\_\_ Contract with outside vendor
- \_\_\_\_\_ Contract with university service
- \_\_\_\_\_ Other, \_\_\_\_\_

25. Does your business school provide maintenance and support for *faculty owned* micros located in their business school offices?

\_\_\_\_\_ yes      \_\_\_\_\_ no

26. On what systems do your students, on average, do their computing?

	microcomputers		mini/mainframe		
Undergraduates	_____ %	+	_____ %	=	100%
MBAs	_____ %	+	_____ %	=	100%

Do you think this is the appropriate mix or exposure to the different systems?

	too much on micros		about right		too much on mini/mainframes
Undergraduates	1	2	3	4	5
MBAs	1	2	3	4	5

27. Business school computer labs:

Lab*	Number micros	Makes	Micros networked (check one)		Linked to host (check one)		Output devices (number per lab)			Primary Users (check all that apply)			Consultant on duty (% of open hours) (check one)			Use for regular classroom instruction check one		
			yes	no	yes	no	Dot matrix printers	Laser printers	Plotters	Faculty	Ungrad	MBA	Staff	< 1/3	1/3 to 2/3	>2/3	yes	no
1																		
2																		
3																		
4																		
5																		
6																		

\* Please attach additional sheet if more than six labs.

28. Any special or unique features for any labs. Please describe.

29. Local Area Networks

Local area networks	Check all that apply	Strength of endorsement 1 (low) to 5 (high)	Is a mini/mainframe system attached to this network?
Appletalk			
Corvus			
DECNet			
Ethernet			
IBM PC Network			
IBM Token Ring			
Novell			
Starlan			
Ungermann Bass			
Unisys			
"Home grown"; describe _____			
Other; _____			

30. Does your business school use a data switch, port selector, or PABX for access to mini/mainframes?

\_\_\_\_\_ No \_\_\_\_\_ Yes, make: \_\_\_\_\_

31. Who is using these network applications within your business school? Check all that apply.

Application	Students		Faculty	Secretaries & Administrative Staff	Computer Staff
	Ungrad	MBA			
Bitnet					
CompuServe					
Database access					
Disk backup and restore					
Document/file transfer					
Electronic conferencing					
Electronic mail (internal)					
File server					
Internet					
MCI Mail					
Online calendaring					
Print server					
Software distribution					
The Source					
Other:					
Other:					

32. Databases available for research and instruction at your business school. Check all that apply as appropriate.

Database	Storage format			Access method			Primary users			Level of support for users 1 = users on own 3 = some support 5 = extensive support	Access charge?		Business school funding available for access charges?	
	online	tape	CD-Rom	stand-alone system	terminal dialup	via network	faculty	PhD	MBA		yes	no	yes	no
ABI Inform										1 2 3 4 5				
Citibase										1 2 3 4 5				
Compact Disclosure										1 2 3 4 5				
Compustat										1 2 3 4 5				
CRSP										1 2 3 4 5				
Dow Jones										1 2 3 4 5				
DRI										1 2 3 4 5				
GNMA										1 2 3 4 5				
IMF										1 2 3 4 5				
Lexis										1 2 3 4 5				
Nexis										1 2 3 4 5				
One Source										1 2 3 4 5				
PIMS										1 2 3 4 5				
Value Line										1 2 3 4 5				
Library catalog										1 2 3 4 5				
Other: _____										1 2 3 4 5				

33. Business school administrative systems supported/developed by the business school.

Activity	Computer system (check one)			Primary users (check one)			Software vendor/product (please specify)	Common database with other systems		Level of support for users 1 = users on own 3 = some support 5 = extensive support
	business school micro	mini/mainframe	campus	faculty	students	staff		yes	no	
Admissions										1 2 3 4 5
Alumni and development										1 2 3 4 5
Budget preparation										1 2 3 4 5
Class scheduling										1 2 3 4 5
Contracts and grant administration										1 2 3 4 5
Faculty course assignment										1 2 3 4 5
Faculty records										1 2 3 4 5
Publications										1 2 3 4 5
Registration and enrollment										1 2 3 4 5
Student records										1 2 3 4 5
Word processing										1 2 3 4 5
Student class bidding										1 2 3 4 5
Placement services										1 2 3 4 5
School catalog										1 2 3 4 5
Event listings										1 2 3 4 5
Room scheduling										1 2 3 4 5
Electronic mail										1 2 3 4 5
Other; please specify:										1 2 3 4 5