

Carnegie Mellon Facts 1987

**University Planning
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Foreword

This, the first volume of Carnegie Mellon Facts, is a compilation of some of the most commonly requested data and statistical information about Carnegie Mellon. It covers a wide variety of topics including admissions, enrollment, teaching, faculty, alumni, the University budget and space. The source of the data used in the tables and graphs is internal except where noted otherwise.

The intention of this book is to make this information more readily available to the campus community. Since this is the first booklet of its kind at Carnegie Mellon, University Planning is soliciting suggestions and comments on its contents and ways to improve its usefulness. Please tear off the last page of the booklet and respond to the brief questionnaire with your reactions.

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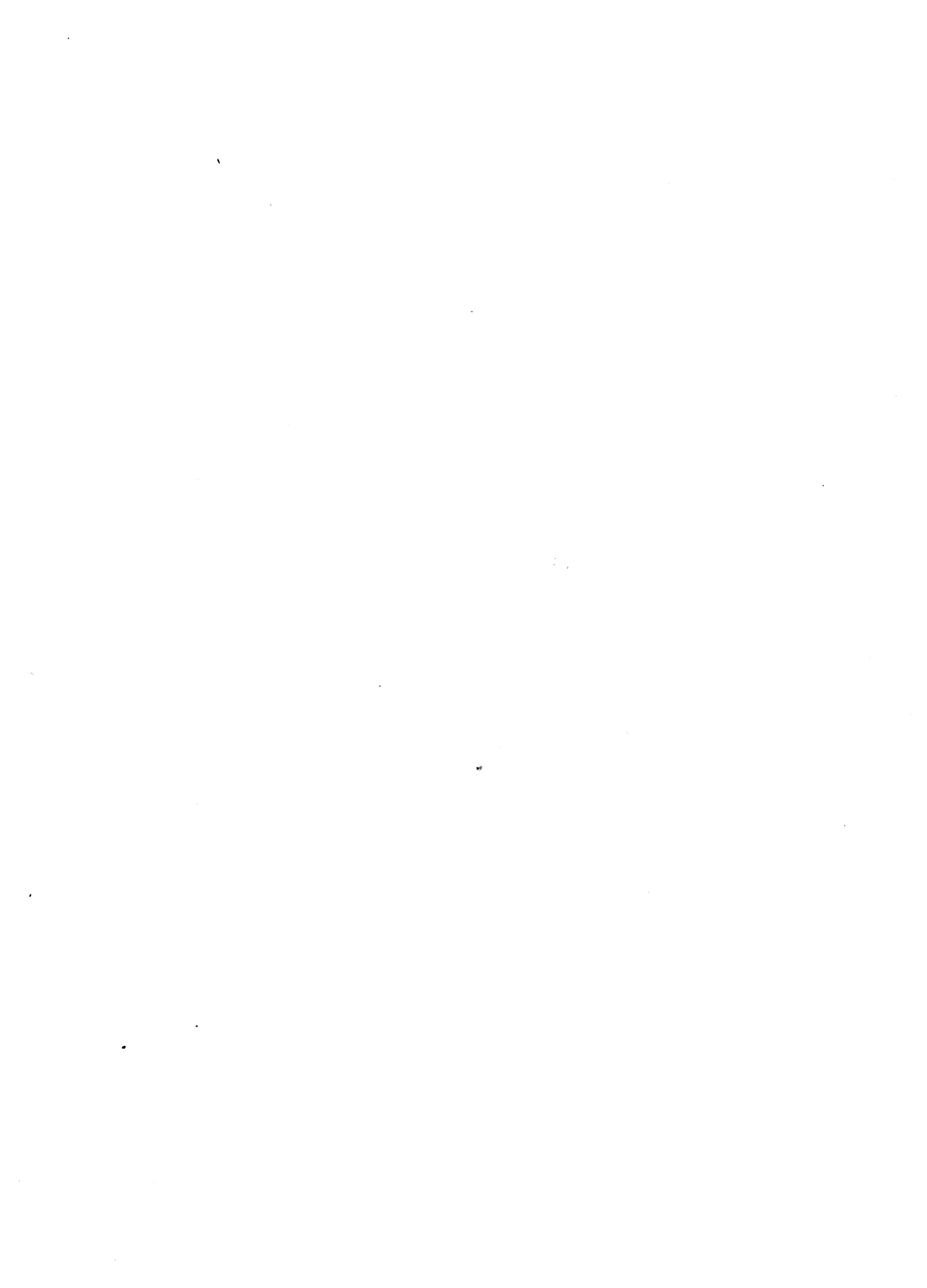
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BACKGROUND



The University

Carnegie Mellon is a privately supported university dedicated to the pursuit of excellence in the creation and dissemination of knowledge, in artistic endeavor, and in research.

In his book, "Selective Guide to Colleges 1984-85," Edward B. Fiske of The New York Times wrote that Carnegie Mellon University "is evolving from a superb regional into a national institution. Its faculty and administration have done perhaps the most original thinking of any American university in pursuing the twin goals of liberal-professional education."

Carnegie Mellon strives for excellence in the dissemination of knowledge through high-quality teaching in a liberal-professional educational curriculum. The liberal educational component provides students with a broad base of knowledge and abilities enabling them to excel and adapt in a changing world. Through emphasis on professional education, students are encouraged to develop the specific information and skills required for success in the world of work. In the tradition of the Carnegie Plan for broadly educating engineers and scientists, Carnegie Mellon strives to develop creative, well-rounded professionals with the skills and knowledge needed to tackle the problems of the future.

The creation of knowledge (scholarly and artistic) is essential to the continued vitality of the University. The small size of the University facilitates flexible, interdisciplinary approaches to scholarship and research. Carnegie Mellon is able to tackle problems that cut across the boundaries of departments and disciplines. Perhaps because of this, Carnegie Mellon consistently demonstrates that it can recognize and seize new opportunities in scholarship and research.

In 1982, Carnegie Mellon announced its plan to build an on-campus network of 7,500 personal computers by the end of the decade, making CMU a pioneer in the use of computing in education. In January 1986, the University began deployment of its pioneering "Andrew" computer network. The University continues to encourage and support research into and development of educational software. Innovation in the use of computing technology is encouraged in all areas of educational endeavor at Carnegie Mellon.

Recognizing the importance for interaction between the arts and sciences, Carnegie Mellon established the Center for Art and Technology. Here, the diverse groups mentioned above have an opportunity to share expertise and innovative and creative ideas, a logical step in the University's continuing quest for excellence.

Carnegie Mellon has joined forces with the University of Pittsburgh in the development and administration of the Western Pennsylvania Advanced Technology Center, sponsored by the Ben Franklin Partnership Program. The objectives of the center are job creation, job retention and the facilitation of economic growth in the region through research and development, education and training, and assistance to private enterprise. In January 1985, CMU was awarded an \$103 million Defense Department contract to operate the Software Engineering Institute. In 1986, a consortium of Carnegie Mellon, University of Pittsburgh and Westinghouse Electric Corporation obtained support to establish the fifth national supercomputing facility in the country. These efforts are expanding Carnegie Mellon's role as a leader in the economic revitalization of Pittsburgh and Western Pennsylvania.

In the last decade, Carnegie Mellon has experienced an unparalleled period of growth and development. Enrollment has risen 28 percent and sponsored research has increased almost 300 percent. This success must be attributed to the on-going strategic planning effort, a continuous process which guides the University in recognizing and seizing new opportunities.

Built upon the strong educational ideals of its founders, Carnegie Mellon has grown into an institution of academic prominence. Rapid development to a leadership position in just three quarters of a century is a tribute to the thousands of men and women who have shaped and influenced the University. In the decades to come, Carnegie Mellon will continue to build upon these ideals in striving for excellence in its dual commitment to education and research.

CARNEGIE MELLON UNIVERSITY

**Degree Programs
Academic Year 1986-87**

CARNEGIE INSTITUTE OF TECHNOLOGY

Biomedical Engineering

Engineering Major & Biomedical E. B.S.
Biomedical E. with CIT Department M.S.
Biomedical E. M.S.
Biomedical E. with CIT Department Ph.D.
Biomedical E. Ph.D.

Chemical Engineering

Chemical E. B.S.
Chemical E. M.S.
Colloids, Polymers, & Surfaces M.S.
(w/ Chemistry)
Chemical E. Ph.D.

Civil Engineering

Civil E. B.S.
Civil E. M.S.
Civil E. Ph.D.

Engineering & Public Policy

Engineering Major & E. & P P B.S.
Engineering Major & E. & P P M.S.
Engineering Major & E. & P P Ph.D.
E. & P P Ph.D.

Electrical and Computer Engineering

Computer E. B.S.
Electrical E. B.S.
Electrical E. M.S.
Electrical E. (Computer E.) M.S.
Electrical E. (Power E.) M.S.
Design M.E.
Electrical E. Ph.D.

Mechanical Engineering

Mechanical E. B.S.
Mechanical E. M.S.
Mechanical E. M.E.
Mechanical E. (Power E.) M.S.
Mechanical E. Ph.D.

Metallurgical Engineering & Materials Science

MEMS B.S.
MEMS M.S.
MEMS M.E.
MEMS Ph.D.

Manufacturing Engineering

Manufacturing Engineering M.E.

COLLEGE OF FINE ARTS

Architecture

Architecture B.Arch.
Architecture B.F.A.
Architecture (1st Professional degree) M.Arch
Advanced Building (w/ Civil E. & SUPA) M. Arch
Architecture (w/ SUPA) Ph.D.

Art

Art B.F.A.
Art M.F.A.
Art M.A.T.
Art D.A.

Design

Design B.F.A.
Design M.F.A.

Drama

Drama B.F.A.
Drama M.F.A.
Drama Ph.D.

Music

Music B.F.A.
Music M.F.A.

GRADUATE SCHOOL OF INDUSTRIAL ADMINISTRATION

Industrial Administration M.S.I.A.
Industrial Administration & Public M.S.I.A.
Management & Policy (w/ SUPA)
Industrial Administration & Juris M.S.I.A.
Doctor (w/ U. of Pittsburgh)
Industrial Administration Ph.D.
Accounting Ph.D.
Economics Ph.D.
Financial Economics Ph.D.
Information & Management Systems Ph.D.
(Operations Management & Systems Sciences)
Marketing Ph.D.
Operations Research Ph.D.
Organizational Psychology & Theory Ph.D.
Politics and Political Economy Ph.D.

SCHOOL OF URBAN AND PUBLIC AFFAIRS

Public Management & Policy M.S.
Public Management & Architecture M.S.
Public Management & Policy & M.S.
Industrial Administration (w/ GSIA)
Public Management & Policy & Juris M.S.
Doctor (w/ U. of Pittsburgh)
Public Management & Master of M.S.
Divinity (w/ Pittsburgh Theological Seminary)
Public Management M.S.
Public Policy Analysis Ph.D.
Social Science & Public Policy (w/ S & D.S.) Ph.D.
Architecture & Public Policy Analysis Ph.D.
(w/ Architecture)

CARNEGIE MELLON UNIVERSITY

**Degree Programs
Academic Year 1986-87**

COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

Economics			Modern Languages	
Economics	B.A.		Modern Languages (Double Major)	B.A.
Economics	B.S.			
Managerial Economics	B.S.		Philosophy	
Economics	Ph.D.		Philosophy	B.A.
			Logic & Computation	B.S.
English			Computational Linguistics	Ph.D.
Literary & Cultural Studies	B.A.		(w/ U. of Pittsburgh)	
Creative Writing	B.A.			
Professional Writing	B.A.		Psychology	
Technical Writing & Editing	B.S.		Psychology	B.A.
English	M.A.		Psychology	B.S.
Professional Writing	M.A.		Psychology	Ph.D.
Rhetoric	Ph.D.			
Literary & Cultural Theory	Ph.D.		Social & Decision Sciences	
			Social & Decision Sciences	B.S.
History			Information & Decision Systems	B.S.
History	B.A.		Policy & Management	B.S.
History	B.S.		Social Sciences & Applied History	Ph.D.
Applied History	B.A.		(w/ History)	
Applied History	B.S.		Public Policy Analysis (w/ SUPA)	Ph.D.
European Studies (double major)	B.A.		Decision Making (w/ Statistics)	Ph.D.
History	M.A.			
Applied History	M.S.		Statistics	
History	Ph.D.		Statistics	B.S.
Applied History	Ph.D.		Statistics	M.S.
			Statistics	Ph.D.
			Student Defined	B.S.

MELLON COLLEGE OF SCIENCE

Biological Sciences			Mathematics	
Biological Sciences	B.S.		Mathematics	B.S.
Biological Sciences	Ph.D.		Applied Mathematics	B.S.
			Applied Mathematics/Computer	B.S.
Chemistry			Science Track	
Chemistry	B.S.		Mathematics	M.S.
Chemistry/Computer Science Track	B.S.		Applied Mathematics	M.S.
Chemistry	B.A.		Mathematics	D.A.
Chemistry	M.S.		Mathematics	Ph.D.
Chemical Instrumentation	M.S.			
Polymer Science	M.S.		Physics	
Colloids, Polymers, & Surfaces	M.S.		Physics	B.S.
(w/ Chemical E.)			Physics	B.A.
Chemistry	Ph.D.		Physics/Computer Science Track	B.S.
			Physics & Scientific Instrumentation	B.S.
			Physics	M.S.
			Measurement & Control	M.S.
			Physics	Ph.D.
			Applied Physics	Ph.D.

INDUSTRIAL MANAGEMENT
Industrial Management B.S.

COMPUTER SCIENCE
Computer Science Ph.D.

CARNEGIE MELLON UNIVERSITY

**College and Department Accreditations
Fall Semester 1986**

College/Department

Accreditation Agency

CARNEGIE MELLON UNIVERSITY

**Middle States Association of Colleges and Schools
MSA**

CARNEGIE INSTITUTE OF TECHNOLOGY

**Accreditation Board for Engineering Technology
ABET**

**Chemical Engineering
Civil Engineering
Electrical and Computer Engineering
Engineering and Public Policy
Mechanical Engineering
Metallurgical Engineering and Materials Science**

COLLEGE OF FINE ARTS

Architecture

**National Architectural Accrediting Board
NAAB**

**Art
Design**

**National Association of Schools of Art and Design
NASA**

Music

**National Association of Schools of Music
NASM**

**GRADUATE SCHOOL OF INDUSTRIAL
ADMINISTRATION**

**American Assembly of Collegiate Schools of Business
AACSB**

SCHOOL OF URBAN AND PUBLIC AFFAIRS

**National Association for Schools of Public Affairs and
Administration
NASPAA**

CARNEGIE MELLON UNIVERSITY

Selected Research Centers and Groups Fiscal Year 1987

COLLEGE OF FINE ARTS

Center for Art and Technology (CA&T)

Center for Building Diagnostics (CBD)

CARNEGIE INSTITUTE OF TECHNOLOGY

Affiliated Laboratory for the Association of
American Railroads (ALAAR)

Center for Energy and Environmental Studies
(CEES)

Center for Entrepreneurial Development (CED)

Center for Excellence in Optical Data
Processing (CEODP)

Center for Iron and Steelmaking Research
(CI&SR)

Center for the Study of Materials (CSM)*

Engineering Design Research Center (EDRC)

Light Metals Research Group (LMRG)

Magnetics Technology Center (MTC)

Materials Research Group (MRG)

SRC/CMU Research Center for Computer-Aided
Design (SRC/CMU-RCCAD)

COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

Communications Design Center (CDC)

University Teaching Center (UTC)

Center for Educational Computing in
English (a.k.a. Writing Center)

MELLON COLLEGE OF SCIENCE

Center for Molecular Electronics (CME)

Center for Fluorescence Research in Biomedical
Sciences (CFRBS)

Center for the Study of Materials (CSM)*

GRADUATE SCHOOL OF INDUSTRIAL ADMINISTRATION

Center for the Management of Information and
Technology in Organizations (CMI&TO)

Center for the Study of Public Policy (CSPP)

SCHOOL OF URBAN AND PUBLIC AFFAIRS

Center for Labor Studies (CLS)

Center for Public Financial Management (CPFM)

Urban Systems Institute (USI)

MELLON INSTITUTE

Battery Technology Center (BTC)

Biotechnology Center (BC)

Center for the Materials of the Artist and
Conservator (CMA&C)

Center for Metals Production (CMP)

Computer Engineering Center (CEC)

High Speed Ground Transportation Center (HSGTC)

High Technology Center (HTC)

Materials Characterization Center (MCC)

Rail Systems Center (RSC)

INDEPENDENT CENTERS

Center for the Design of Educational Computing
(CDEC)

Hunt Institute for Botanical Documentation (HIBD)

Information Technology Center (ITC)

International Center for Machine Translation (ICMT)

Nuclear Magnetics Resonance Center (NMRC)

Pittsburgh Supercomputing Center (PSC)

Robotics Institute (RI)

Software Engineering Institute (SEI)

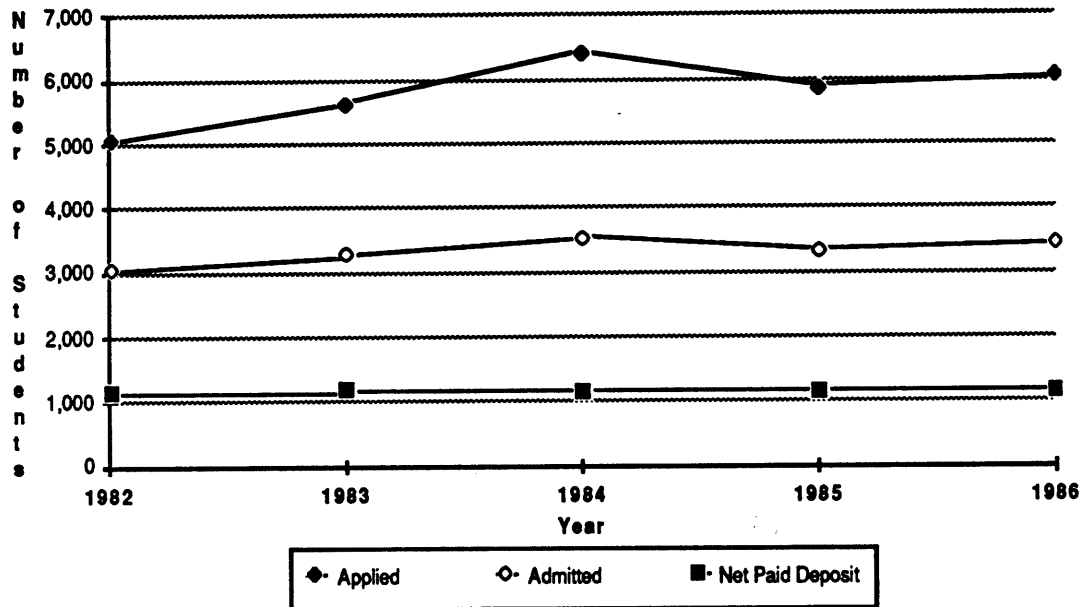
Western Pennsylvania Advanced Technology Center
(WPATC)

*Cross college center.

STUDENTS

CARNEGIE MELLON UNIVERSITY

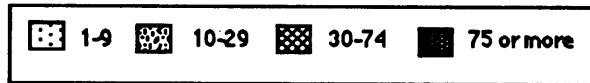
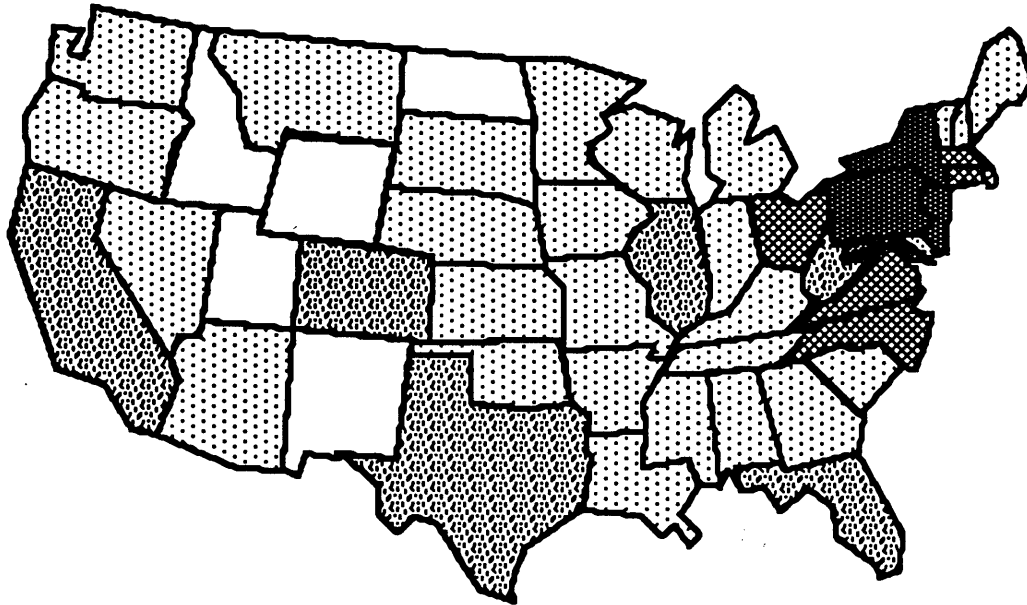
**Freshmen Applicant Activity
By College
Entering Fall Semesters 1982 to 1986**



College	Applicant Activity	1982	1983	1984	1985	1986
CIT	Applied	1,860	2,231	2,634	2,451	2,365
	Admitted	983	1,053	1,160	1,139	1,109
	Net Paid Deposit	374	389	349	388	342
	Yield %	38%	37%	30%	34%	31%
CFA	Applied	1,026	1,067	1,078	1,133	1,283
	Admitted	442	483	525	498	593
	Net Paid Deposit	224	215	237	211	253
	Yield %	51%	45%	45%	42%	43%
H&SS	Applied	886	837	1,077	915	1,045
	Admitted	708	717	857	749	819
	Net Paid Deposit	235	236	262	257	266
	Yield %	33%	33%	31%	34%	32%
IM	Applied	319	280	333	257	304
	Admitted	175	165	180	163	161
	Net Paid Deposit	53	50	58	68	50
	Yield %	30%	30%	32%	42%	31%
MCS	Applied	968	1,243	1,318	1,133	1,046
	Admitted	733	869	834	797	765
	Net Paid Deposit	264	291	261	252	254
	Yield %	36%	33%	31%	32%	33%
CMU	Applied	5,059	5,658	6,440	5,889	6,043
	Admitted	3,041	3,287	3,556	3,346	3,447
	Net Paid Deposit	1,150	1,181	1,167	1,176	1,165
	Yield %	38%	36%	33%	35%	34%

CARNEGIE MELLON UNIVERSITY

**Enrolled Freshmen
By Region and State
Entering Fall Semester 1986**



Region / State	FR	Region / State	FR	Region / State	FR	Region / State	FR
New England		South		Midwest		West	
Connecticut	49	Alabama	3	Illinois	20	Alaska	1
Maine	4	Florida	14	Indiana	5	Arizona	2
Massachusetts	62	Georgia	5	Iowa	1	California	17
New Hampshire	3	Kentucky	6	Kansas	5	Colorado	11
Rhode Island	7	Louisiana	6	Michigan	5	Hawaii	9
Vermont	3	Mississippi	2	Minnesota	3	Idaho	0
TOTAL	128	North Carolina	10	Missouri	4	Montana	2
PERCENT OF TOTAL	11%	South Carolina	1	Nebraska	3	Nevada	3
Middle States		Tennessee	7	North Dakota	0	Oregon	4
Delaware	3	Virginia	34	Ohio	64	Utah	0
District of Columbia	10	TOTAL	88	South Dakota	1	Washington	8
Maryland	55	PERCENT OF TOTAL	8%	West Virginia	15	Wyoming	0
New Jersey	94	Southwest		Wisconsin	5	TOTAL	57
New York	135	Arkansas	1	TOTAL	131	PERCENT OF TOTAL	5%
Pennsylvania	399	New Mexico	0	PERCENT OF TOTAL	11%	U.S. TOTAL	1,121
TOTAL	696	Texas	13	U.S. Territories	2	PERCENT OF TOTAL	96%
PERCENT OF TOTAL	60%	Oklahoma	5	Unknown	0	Foreign Countries	41
		TOTAL	19			TOTAL	1,162
		PERCENT OF TOTAL	2%				

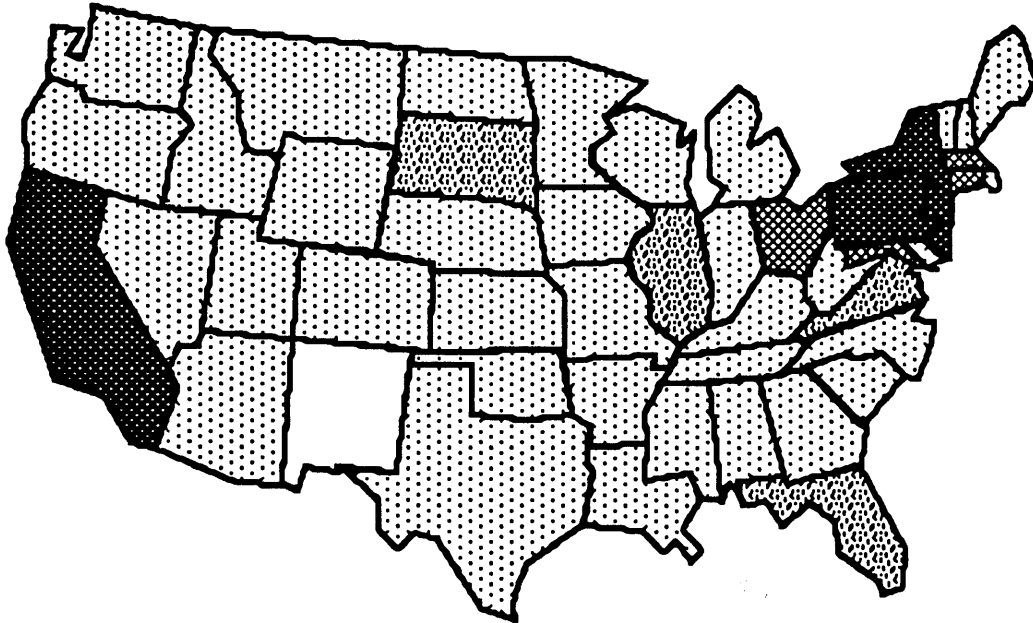
CARNEGIE MELLON UNIVERSITY

**Headcount Enrollment
By Department, Level and Status
Fall Semester 1986**

College	Department	Undergraduate			Graduate			Total Students		
		Full	Part	Total	Full	Part	Total	Full	Part	Total
CIT	Biomedical E.	0	0	0	4	1	5	4	1	5
	Chemical E.	136	2	138	65	30	95	201	32	233
	Civil E.	81	2	83	52	15	67	133	17	150
	E & C E.	435	17	452	200	35	235	635	52	687
	E. & P P	0	0	0	23	7	30	23	7	30
	Mfg. E.	0	0	0	7	1	8	7	1	8
	Mechanical E.	253	2	255	72	30	102	325	32	357
	MEMS	78	8	86	67	11	78	145	19	164
	Nuclear E.	0	0	0	0	2	2	0	2	2
	No Major Dept.	337	0	337	0	0	0	337	0	337
TOTAL CIT		1,320	31	1,351	490	132	622	1,810	163	1,973
CFA	Architecture	218	14	232	48	10	58	266	24	290
	Art	205	10	215	12	1	13	217	11	228
	Design	169	6	175	3	0	3	172	6	178
	Drama	127	2	129	25	12	37	152	14	166
	Music	95	9	104	0	31	31	95	40	135
	TOTAL CFA	814	41	855	88	54	142	902	95	997
	H&SS	Economics	68	2	70	0	0	0	68	2
English		93	10	103	43	35	78	136	45	181
History		20	2	22	10	48	58	30	50	80
IM - H&SS		76	0	76	0	0	0	76	0	76
Philosophy		2	2	4	1	2	3	3	4	7
Psychology		33	1	34	19	5	24	52	6	58
S & D S.		125	11	136	2	0	2	127	11	138
Statistics		3	0	3	28	2	30	31	2	33
Student Def'd		4	0	4	0	0	0	4	0	4
No Major Dept.		528	9	537	0	0	0	528	9	537
TOTAL H&SS	952	37	989	103	92	195	1,055	129	1,184	
IM	241	6	247	0	0	0	241	6	247	
MCS	Biology	63	3	66	37	2	39	100	5	105
	Chemistry	51	2	53	40	14	54	91	16	107
	Math	403	22	425	51	6	57	454	28	482
	Physics	81	4	85	66	7	73	147	11	158
	No Major Dept.	244	2	246	0	0	0	244	2	246
	TOTAL MCS	842	33	875	194	29	223	1,036	62	1,098
CS	0	0	0	140	5	145	140	5	145	
GSIA	0	1	1	332	116	448	332	117	449	
SUPA	2	0	2	161	282	443	163	282	445	
NON-DEGREE	0	0	0	0	0	0	6	208	214	
TOTAL		4,171	149	4,320	1,508	710	2,218	5,685	1,067	6,752

CARNEGIE MELLON UNIVERSITY

**Undergraduate Headcount Enrollment
By Region and State
Fall Semester 1986**



Region / State	UG	Region / State	UG	Region / State	UG	Region / State	UG
New England		South		Midwest		West	
Connecticut	152	Alabama	6	Illinois	67	Alaska	3
Maine	20	Florida	55	Indiana	11	Arizona	7
Massachusetts	190	Georgia	13	Iowa	3	California	71
New Hampshire	35	Kentucky	12	Kansas	12	Colorado	29
Rhode Island	26	Louisiana	7	Michigan	25	Hawaii	19
Vermont	15	Mississippi	2	Minnesota	14	Idaho	2
TOTAL	438	North Carolina	25	Missouri	12	Montana	4
PERCENT OF TOTAL	10%	South Carolina	4	Nebraska	7	Nevada	2
		Tennessee	15	North Dakota	1	Oregon	18
Middle States		Virginia	92	Ohio	205	Utah	1
Delaware	18	TOTAL	231	South Dakota	2	Washington	17
District of Columbia	26	PERCENT OF TOTAL	5%	West Virginia	34	Wyoming	1
Maryland	199			Wisconsin	14	TOTAL	174
New Jersey	395	Southwest		TOTAL	407	PERCENT OF TOTAL	4%
New York	513	Arkansas	4	PERCENT OF TOTAL	9%		
Pennsylvania	1,701	New Mexico	0			U.S. TOTAL	4,224
TOTAL	2,852	Texas	39	U.S. Territories	5	PERCENT OF TOTAL	98%
PERCENT OF TOTAL	66%	Oklahoma	8	Unknown	66	Foreign Countries	96
		TOTAL	51			TOTAL	4,320
		PERCENT OF TOTAL	1%				

CARNEGIE MELLON UNIVERSITY

**Undergraduate and Graduate Headcount Enrollment
By Country of Citizenship
Fall Semester 1986**

Country	Undergraduate			Graduate		
	Full	Part	Total	Full	Part	Total
Argentina	0	0	0	1	0	1
Australia	1	0	1	5	0	5
Belgium	0	0	0	5	0	5
Brazil	0	0	0	7	0	7
Canada	2	0	2	28	4	32
China	0	0	0	69	11	80
Colombia	1	0	1	2	1	3
Dominican Republic	1	0	1	0	0	0
Ecuador	2	0	2	0	0	0
Finland	1	0	1	1	0	1
France	1	1	2	5	1	6
Germany	3	0	3	9	0	9
Greece	0	1	1	11	0	11
Guatemala	0	0	0	0	1	1
Hong Kong	7	0	7	10	1	11
Iceland	0	0	0	2	1	3
India	13	1	14	73	15	88
Indonesia	1	0	1	13	0	13
Iran	0	0	0	1	1	2
Ireland	0	0	0	1	0	1
Israel	0	0	0	6	0	6
Italy	1	0	1	5	0	5
Japan	5	0	5	17	2	19
Korea	7	1	8	41	6	47
Lebanon	0	0	0	3	0	3
Libya	0	0	0	1	0	1
Malaysia	6	0	6	4	0	4
Mexico	0	0	0	4	0	4
Netherlands	1	0	1	4	1	5
Norway	2	0	2	0	0	0
Pakistan	0	0	0	5	1	6
Peru	1	0	1	4	0	4
Phillippines	3	0	3	5	0	5
Romania	0	0	0	1	0	1
Saudi Arabia	0	0	0	1	0	1
South Africa	0	0	0	4	1	5
Spain	3	0	3	5	1	6
Sweden	1	0	1	0	0	0
Switzerland	4	1	5	2	0	2
Taiwan	5	0	5	38	11	49
Thailand	2	0	2	0	0	0
Turkey	1	0	1	4	5	9
United Arab Republic	0	0	0	1	0	1
United Kingdom	5	0	5	13	2	15
United States	4,080	144	4,224	1,057	640	1,697
Venezuela	0	0	0	3	1	4
Other	11	0	11	37	3	40
TOTAL	4,171	149	4,320	1,508	710	2,218

CARNEGIE MELLON UNIVERSITY

**Undergraduate Headcount Enrollment
By Department, Race and Sex
Fall Semester 1986**

College Department	American Indian		Asian		Black		Hispanic		White		Unknown		Foreign		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
CIT																
Biomedical E.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemical E.	0	0	1	1	1	3	0	0	33	8	63	24	4	0	102	36
Civil E.	0	0	1	2	1	1	0	0	24	3	32	16	3	0	61	22
E & C E.	0	0	19	2	9	6	0	0	117	12	253	10	22	2	420	32
E. & P P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mfg. E.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mechanical E.	0	0	8	1	10	4	1	0	49	17	140	22	3	0	211	44
MEMS	0	0	5	0	0	4	0	0	22	11	29	12	1	2	57	29
Nuclear E.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No Major Dept.	0	0	0	0	0	0	0	0	4	1	301	27	4	0	309	28
TOTAL CIT	0	0	34	6	21	18	1	0	249	52	818	111	37	4	1,160	191
CFA																
Architecture	0	0	2	2	2	0	1	0	40	21	101	59	2	2	148	84
Art	0	1	1	0	3	2	0	0	9	20	57	120	1	1	71	144
Design	0	0	1	1	1	0	0	0	7	17	62	84	0	2	71	104
Drama	0	0	1	1	7	3	0	0	5	4	59	49	0	0	72	57
Music	0	0	0	0	1	0	0	0	3	6	36	56	1	1	41	63
TOTAL CFA	0	1	5	4	14	5	1	0	64	68	315	368	4	6	403	452
H&SS																
Economics	0	0	1	1	2	2	0	0	17	4	35	6	2	0	57	13
English	0	1	0	0	0	2	0	0	11	15	22	50	1	1	34	69
History	0	1	0	0	0	0	0	1	1	2	9	8	0	0	10	12
IM - H&SS	0	0	0	0	0	1	0	0	3	3	48	19	1	1	52	24
Philosophy	0	0	0	0	0	0	0	0	1	0	3	0	0	0	4	0
Psychology	0	0	0	2	0	0	0	0	6	5	8	13	0	0	14	20
S & D S.	0	0	2	2	4	5	0	1	19	10	55	33	3	2	83	53
Statistics	0	0	0	0	0	1	0	0	0	1	1	0	0	0	1	2
Student Defd.	0	0	0	0	0	0	0	0	1	1	0	2	0	0	1	3
No Major Dept.	0	0	3	1	9	7	0	1	20	19	251	222	3	1	286	251
TOTAL H&SS	0	2	6	6	15	18	0	3	79	60	432	353	10	5	542	447
IM	0	0	3	1	2	3	0	0	44	25	93	69	4	3	146	101
MCS																
Biology	0	0	3	0	1	2	0	0	7	9	21	19	2	2	34	32
Chemistry	0	0	2	0	0	0	0	0	11	6	17	15	1	1	31	22
Math	0	1	11	3	2	1	0	0	119	22	213	38	11	4	356	69
Physics	0	0	1	0	0	0	0	0	20	3	51	8	2	0	74	11
No Major Dept.	0	0	0	0	0	0	0	0	2	0	190	54	0	0	192	54
TOTAL MCS	0	1	17	3	3	3	0	0	159	40	492	134	16	7	687	188
CS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GSIA	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
SUPA	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0
TOTAL	0	4	65	20	55	47	2	3	597	245	2,150	1,036	71	25	2,940	1,380

CARNEGIE MELLON UNIVERSITY

**Graduate Headcount Enrollment
By Department, Race and Sex
Fall Semester 1986**

College Department	American Indian		Asian		Black		Hispanic		White		Unknown		Foreign		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
CIT																
Biomedical E.	0	0	0	0	0	0	0	0	1	0	2	1	0	1	3	2
Chemical E.	0	0	1	0	0	0	0	0	13	12	35	14	19	1	68	27
Civil E.	0	0	1	0	0	0	2	0	15	2	14	1	30	2	62	5
E & C.E.	1	0	9	0	1	0	2	2	54	15	59	11	72	9	198	37
E. & P P	0	0	0	0	1	1	0	0	3	4	9	2	9	1	22	8
Mfg. E.	0	0	0	0	0	0	0	0	1	0	6	0	1	0	8	0
Mechanical E.	0	0	1	0	0	0	0	0	28	0	24	2	45	2	98	4
MEMS	0	0	2	0	0	0	0	0	29	4	14	5	23	1	68	10
Nuclear E.	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	0
No Major Dept.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL CIT	1	0	14	0	2	1	4	2	145	37	163	36	200	17	529	93
CFA																
Architecture	0	0	0	0	0	0	0	0	8	1	16	7	18	8	42	16
Art	0	0	0	0	0	0	0	0	2	1	5	3	1	1	8	5
Design	0	0	0	0	0	0	0	0	0	0	1	2	0	0	1	2
Drama	0	0	0	0	0	0	0	0	5	1	17	13	0	1	22	15
Music	0	0	0	1	0	0	0	0	5	2	5	12	5	1	15	16
TOTAL CFA	0	0	0	1	0	0	0	0	20	5	44	37	24	11	88	54
H&SS																
Economics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
English	0	0	0	0	0	0	0	0	7	21	13	35	1	1	21	57
History	0	1	0	0	0	2	0	0	15	6	20	9	2	3	37	21
IM - H&SS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Philosophy	0	0	0	0	0	0	0	0	1	0	2	0	0	0	3	0
Psychology	0	0	0	0	0	0	0	0	3	5	10	2	3	1	16	8
S&D S.	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2	0
Statistics	0	0	0	0	0	0	0	0	7	6	3	1	11	2	21	9
Student Defd.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No Major Dept.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL H&SS	0	1	0	0	0	2	0	0	34	38	49	47	17	7	100	95
IM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCS																
Biology	0	0	0	0	0	0	0	0	5	7	11	9	4	3	20	19
Chemistry	0	0	0	1	0	1	0	0	13	2	13	8	11	5	37	17
Math	0	0	0	1	0	0	0	0	12	1	10	4	22	7	44	13
Physics	0	0	0	0	0	0	0	0	15	1	21	1	30	5	66	7
No Major Dept.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MCS	0	0	0	2	0	1	0	0	45	11	55	22	67	20	167	56
CS	0	0	3	0	0	0	1	0	37	6	53	6	33	6	127	18
GSIA	0	0	5	1	3	2	1	0	52	19	226	66	63	10	350	98
SUPA	0	0	6	2	0	5	1	1	16	20	170	176	35	11	228	215
TOTAL	1	1	28	6	5	11	7	3	349	136	760	390	439	82	1,589	629

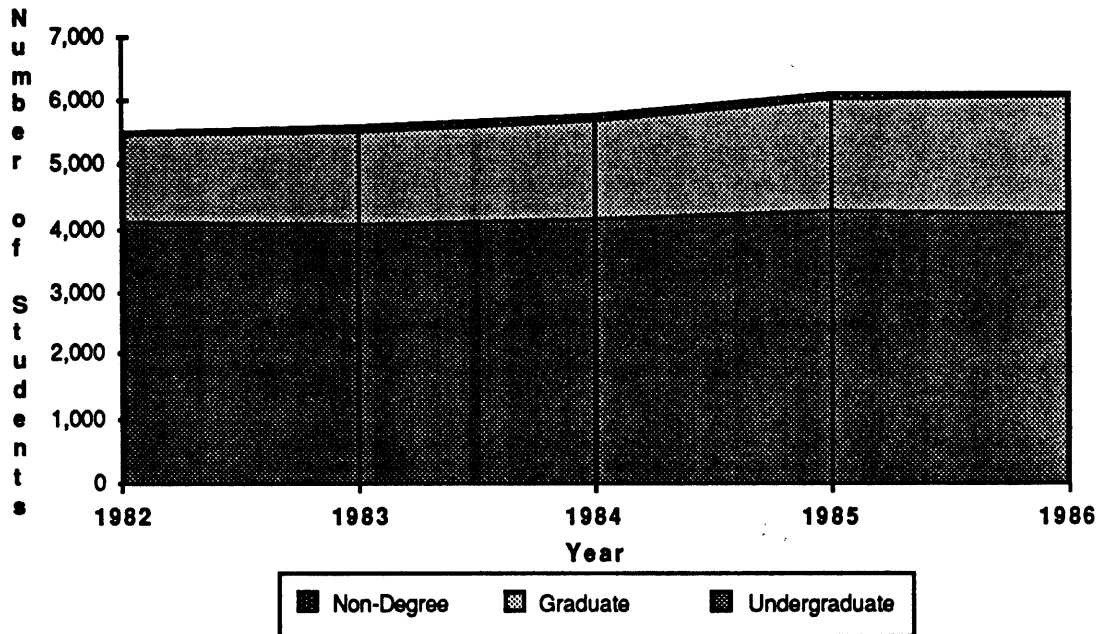
CARNEGIE MELLON UNIVERSITY

**Full-Time Equivalent (FTE) Enrollment
By Department and Class
Fall Semester 1986**

College	Department	Undergraduate				Total Undergraduate	Total Graduate	Total FTE
		Fresh.	Soph.	Junr.	Senr.			
CIT	Biomedical E.	0.0	0.0	0.0	0.0	0.0	4.5	4.5
	Chemical E.	0.0	52.0	41.0	44.8	137.8	79.4	217.2
	Civil E.	0.0	17.0	17.0	46.8	80.8	59.8	140.6
	E & C E.	0.0	159.7	122.9	157.2	439.8	222.9	662.7
	E. & P P	0.0	0.0	0.0	0.0	0.0	25.5	25.5
	Mfg. E.	0.0	0.0	0.0	0.0	0.0	7.3	7.3
	Mechanical E.	0.0	96.0	84.0	74.2	254.2	86.3	340.5
	MEMS	0.0	31.0	25.0	21.2	77.2	73.0	150.2
	Nuclear E.	0.0	0.0	0.0	0.0	0.0	0.3	0.3
	No Major Dept.	336.0	0.0	1.0	0.0	337.0	0.0	337.0
TOTAL CIT	336.0	355.7	290.9	344.2	1,326.8	559.0	1,885.8	
CFA	Architecture	69.0	42.4	40.0	73.3	224.7	51.7	276.4
	Art	62.0	48.5	54.1	47.8	212.4	12.6	225.0
	Design	58.7	38.8	45.8	29.2	172.5	3.0	175.5
	Drama	44.0	39.0	29.0	16.0	128.0	30.6	158.6
	Music	47.0	24.0	14.6	16.3	101.9	17.9	119.8
	TOTAL CFA	280.7	192.7	183.5	182.6	839.5	115.8	955.3
	H&SS	Economics	0.0	0.0	37.0	32.5	69.5	0.0
English		0.0	0.0	50.7	48.3	99.0	50.2	149.2
History		0.0	0.0	11.0	9.2	20.2	18.0	38.2
IM - H&SS		34.0	42.0	0.0	0.0	76.0	0.0	76.0
Philosophy		0.0	0.0	2.2	1.0	3.2	2.7	5.9
Psychology		0.0	0.0	22.7	11.0	33.7	18.9	52.6
S & D S.		0.0	2.0	70.0	60.3	132.3	2.0	134.3
Statistics		0.0	0.0	1.0	2.0	3.0	28.3	31.3
Student Def'd		0.0	0.0	2.0	2.0	4.0	0.0	4.0
No Major Dept.		253.8	262.8	16.0	2.0	534.6	0.0	534.6
TOTAL H&SS		287.8	306.8	212.6	168.3	975.5	120.1	1,095.6
IM	21.0	32.8	91.3	98.2	243.3	0.0	243.3	
MCS	Biology	0.0	20.0	21.0	23.5	64.5	39.0	103.5
	Chemistry	0.0	13.0	20.0	18.0	51.0	45.1	96.1
	Math	1.4	121.0	127.0	165.0	414.4	55.2	469.6
	Physics	0.0	34.8	21.0	24.9	80.7	71.9	152.6
	No Major Dept.	245.8	0.0	0.0	0.0	245.8	0.0	245.8
	TOTAL MCS	247.2	188.8	189.0	231.4	856.4	211.2	1,067.6
CS	0.0	0.0	0.0	0.0	0.0	148.9	148.9	
GSIA	0.0	0.6	0.0	0.0	0.6	391.2	391.8	
SUPA	0.0	0.0	0.0	2.0	2.0	257.3	259.3	
NON-DEGREE	0.0	0.0	0.0	0.0	0.0	0.0	75.8	
TOTAL	1,172.7	1,077.4	967.3	1,026.7	4,244.1	1,803.5	6,123.4	

CARNEGIE MELLON UNIVERSITY

**Full-Time Equivalent (FTE) Enrollment
By College and Level
Fall Semesters 1982 to 1986**



College	Level	1982	1983	1984	1985	1986
CIT	Undergraduate	1,424.4	1,393.3	1,324.0	1,375.6	1,326.8
	Graduate	442.0	455.4	475.4	501.6	559.0
	TOTAL CIT	1,866.4	1,848.7	1,799.4	1,877.2	1,885.8
CFA	Undergraduate	970.7	893.6	864.7	827.6	839.5
	Graduate	122.5	121.0	115.3	118.7	115.8
	TOTAL CFA	1,093.2	1,014.6	980.0	946.3	955.3
H&SS	Undergraduate	746.2	812.9	867.9	955.6	975.5
	Graduate	93.6	113.0	112.1	127.8	120.1
	TOTAL H&SS	839.8	925.9	980.0	1,083.4	1,095.6
IM	Undergraduate	180.4	152.0	228.5	247.7	243.3
	TOTAL IM	180.4	152.0	228.5	247.7	243.3
MCS	Undergraduate	799.0	838.8	867.9	879.4	856.4
	Graduate	174.5	177.3	201.4	217.3	211.2
	TOTAL MCS	973.5	1,016.1	1,069.3	1,096.7	1,067.6
CS	Graduate	113.3	117.1	117.8	127.0	148.9
	TOTAL CS	113.3	117.1	117.8	127.0	148.9
GSIA	Undergraduate	0.0	0.0	0.0	0.0	0.6
	Graduate	280.4	295.1	285.3	340.2	391.8
	TOTAL GSIA	280.4	295.1	285.3	340.2	391.8
SUPA	Undergraduate	0.0	4.0	7.1	4.0	2.0
	Graduate	114.7	163.8	232.5	271.0	257.3
	TOTAL SUPA	114.7	167.8	239.6	275.0	259.3
CMU	Undergraduate	4,120.7	4,094.6	4,160.1	4,289.9	4,244.1
	Graduate	1,341.0	1,442.7	1,539.8	1,703.6	1,804.1
	Non-Degree	74.4	65.1	64.7	84.4	75.8
TOTAL		5,536.1	5,602.4	5,764.6	6,077.9	6,124.0

CARNEGIE MELLON UNIVERSITY

**Total Degrees Granted
By Department and Level
Academic Year 1985-86**

College		Bachelors	Masters	Doctorates	TOTAL
Department					
CIT	Chemical E.	52	11	11	74
	Civil E.	22	28	4	54
	E & C E.	109	47	15	171
	E. & P P	0	0	3	3
	Mfg. E.	0	5	0	5
	Mechanical E.	65	24	11	100
	MEMS	23	15	7	45
	Nuclear E.	0	1	0	1
	TOTAL CIT	271	131	51	453
CFA	Architecture	33	20	0	53
	Art	47	3	0	50
	Design	35	0	0	35
	Drama	26	8	0	34
	Music	11	16	0	27
	TOTAL CFA	152	47	0	199
H&SS	Economics	30	0	0	30
	English	58	21	4	83
	History	6	7	7	20
	Philosophy	1	0	0	1
	Psychology	9	1	5	15
	S & D S.	58	0	0	58
	Statistics	3	10	3	16
	Student Defined	2	0	0	2
	TOTAL H&SS	167	39	19	225
IM	88	0	0	88	
MCS	Biology	24	0	9	33
	Chemistry	21	10	4	35
	Math	117	17	7	141
	Physics	19	19	6	44
	TOTAL MCS	181	46	26	253
CS	0	9	11	20	
GSIA	0	129	5	134	
SUPA	0	150	3	153	
TOTAL	859	551	115	1,525	

CARNEGIE MELLON UNIVERSITY

**Total Degrees Granted
By College and Level
Academic Years 1981-82 to 1985-86**

College	Degrees	1982	1983	1984	1985	1986
CIT	Bachelors	332	287	324	277	271
	Masters	138	123	117	155	131
	Doctorates	40	36	40	58	51
	TOTAL CIT	510	446	481	490	453
CFA	Bachelors	190	188	207	188	152
	Masters	50	32	27	45	47
	Doctorates	1	2	1	0	0
	TOTAL CFA	241	222	235	233	199
H&SS	Bachelors	96	109	132	152	167
	Masters	11	24	30	37	39
	Doctorates	22	18	15	18	19
	TOTAL H&SS	129	151	177	207	225
IM	Bachelors	86	86	51	72	88
	TOTAL IM	86	86	51	72	88
MCS	Bachelors	120	145	150	160	181
	Masters	24	37	40	30	46
	Doctorates	11	12	20	22	26
	TOTAL MCS	155	194	210	212	253
CS	Masters	9	17	10	4	9
	Doctorates	12	14	9	15	11
	TOTAL CS	21	31	19	19	20
GSIA	Masters	119	123	121	134	129
	Doctorates	6	11	10	10	5
	TOTAL GSIA	125	134	131	144	134
SUPA	Masters	61	43	53	92	150
	Doctorates	6	3	1	2	3
	TOTAL SUPA	67	46	54	94	153
CMU	Bachelors	824	815	864	849	859
	Masters	412	399	398	497	551
	Doctorates	98	96	96	125	115
TOTAL	1,334	1,310	1,358	1,471	1,525	

CARNEGIE MELLON UNIVERSITY

**Distribution of Students
By Housing Type, Level and Sex
Fall Semester 1986**

		Carnegie Mellon Housing			Non-University Housing
		On-Campus	Off-Campus	Fraternity & Sorority	
Undergraduate					
Freshman	Male	620	104	0	82
	Female	341	20	0	9
Sophomore	Male	443	60	170	57
	Female	231	16	30	76
Junior	Male	246	60	145	207
	Female	137	20	25	149
Senior	Male	169	34	115	428
	Female	98	12	25	191
Undergraduate					
	Male	1,478	258	430	774
	Female	807	68	80	425
	TOTAL	2,285	326	510	1,199
Graduate					
	Male	2	0	10	1,577
	Female	0	0	0	629
	TOTAL	2	0	10	2,206
Non-Degree					
	Male	0	0	0	98
	Female	0	0	0	116
	TOTAL	0	0	0	214
TOTAL					
	Male	1,480	258	440	2,449
	Female	807	68	80	1,170
	TOTAL	2,287	326	520	3,619

TEACHING

CARNEGIE MELLON UNIVERSITY

**Units Taught
By Department, Semester and Level
Academic Year 1985-86**

College	Department	Fall Semester				Spring Semester				YEAR TOTAL
		Underg.	Grad.	Other	Total	Underg.	Grad.	Other	Total	
CIT	Biomedical E	621	97	27	745	426	179	0	605	1,350
	Chemical E.	2,943	2,643	81	5,667	2,827	2,574	18	5,419	11,086
	Civil E.	1,755	2,182	48	3,985	2,865	2,276	36	5,177	9,162
	E & C E.	8,215	8,526	373	17,114	12,991	8,142	156	21,289	38,403
	E. & P P	564	759	81	1,404	861	580	18	1,459	2,863
	Mechanical E	7,427	3,579	106	11,112	6,105	3,264	74	9,443	20,555
	MEMS	2,574	3,052	9	5,635	2,877	2,981	54	5,912	11,547
	Nuclear E.	0	15	0	15	0	15	0	15	30
	Interdiscp.	5,098	243	24	5,365	2,030	252	12	2,294	7,659
TOTAL CIT	29,197	21,096	749	51,042	30,982	20,263	368	51,613	102,655	
CFA	Architecture	7,629	2,371	9	10,009	7,457	1,966	36	9,459	19,468
	Art	9,332	514	159	10,005	9,497	622	108	10,227	20,232
	Design	6,558	141	12	6,711	5,759	219	42	6,020	12,731
	Drama	5,661	1,346	18	7,025	5,271	1,193	30	6,494	13,519
	Music	5,004	795	57	5,856	4,514	679	69	5,262	11,118
	Interdiscp.	384	51	18	453	735	27	6	768	1,221
	TOTAL CFA	34,568	5,218	273	40,059	33,233	4,706	291	38,230	78,289
H&SS	English	12,693	1,614	201	14,508	12,795	1,290	258	14,343	28,851
	History	13,959	1,355	159	15,473	12,172	912	177	13,261	28,734
	Philosophy	3,879	48	72	3,999	2,970	63	72	3,105	7,104
	Psychology	8,145	1,137	303	9,585	6,564	1,049	108	7,721	17,306
	S & D S.	7,146	144	72	7,362	6,945	168	63	7,176	14,538
	Statistics	6,837	1,462	99	8,398	4,917	1,181	33	6,131	14,529
	Interdiscp.	585	9	0	594	1,098	9	9	1,116	1,710
	TOTAL H&SS	53,244	5,769	906	59,919	47,461	4,672	720	52,853	112,772
MCS	Biology	3,853	1,619	36	5,508	2,715	1,400	63	4,178	9,686
	Chemistry	8,985	2,178	29	11,192	6,091	2,003	105	8,199	19,391
	Math	24,013	2,638	308	26,959	21,764	2,462	172	24,398	51,357
	Physics	12,935	2,813	56	15,804	10,393	2,705	20	13,118	28,922
	Interdiscp.	729	0	0	729	0	72	0	72	801
	TOTAL MCS	50,515	9,248	429	60,192	40,963	8,642	360	49,965	110,157
CS	9,192	5,211	265	14,668	10,238	5,008	276	15,522	30,190	
GSIA	Economics	9,297	0	18	9,315	9,045	36	27	9,108	18,423
	IM	8,142	90	54	8,286	10,641	36	63	10,740	19,026
	GSIA	72	19,290	48	19,410	150	18,028	84	18,262	37,672
	TOTAL GSIA	17,511	19,380	120	37,011	19,836	18,100	174	38,110	75,121
SUPA	186	13,964	174	14,324	294	13,921	114	14,329	28,653	
OTHER	5,197	133	47	5,377	3,002	108	117	3,227	8,604	
TOTAL	199,610	80,019	2,963	282,592	186,009	75,420	2,420	263,849	546,441	

CARNEGIE MELLON UNIVERSITY

**Units Taught
By College and Level
Academic Years 1981-82 to 1985-86**

College	Level	1981-82	1982-83	1983-84	1984-85	1985-86
CIT	Undergraduate	61,910	62,312	61,353	59,908	60,179
	Graduate	34,011	36,195	38,663	38,722	41,359
	Other	1,754	1,615	993	1,033	1,117
	TOTAL CIT	97,675	100,122	101,009	99,663	102,655
CFA	Undergraduate	82,890	78,235	70,867	68,303	67,801
	Graduate	9,531	11,471	10,669	9,765	9,924
	Other	776	596	393	471	564
	TOTAL CFA	93,197	90,302	81,929	78,539	78,289
H&SS	Undergraduate	85,444	90,502	93,673	97,935	100,705
	Graduate	8,516	8,983	10,764	10,337	10,441
	Other	1,422	1,056	1,503	1,394	1,626
	TOTAL H&SS	95,382	100,541	105,940	109,666	112,772
MCS	Undergraduate	90,618	93,941	93,863	91,296	91,478
	Graduate	13,917	15,082	15,271	17,048	17,890
	Other	1,208	1,024	1,114	852	789
	TOTAL MCS	105,743	110,047	110,248	109,196	110,157
CS	Undergraduate	12,105	15,403	17,951	18,371	19,430
	Graduate	7,908	9,167	9,183	9,509	10,219
	Other	513	621	600	726	541
	TOTAL CS	20,526	25,191	27,734	28,606	30,190
GSIA	Undergraduate	28,521	29,476	27,503	34,554	37,347
	Graduate	28,461	31,020	31,939	32,190	37,480
	Other	537	579	361	507	294
	TOTAL GSIA	57,519	61,075	59,803	67,251	75,121
SUPA	Undergraduate	255	294	570	741	480
	Graduate	12,945	11,514	17,212	24,519	27,885
	Other	42	45	57	111	288
	TOTAL SUPA	13,242	11,853	17,839	25,371	28,653
OTHER	Undergraduate	3,986	3,805	3,703	3,546	8,199
	Graduate	108	180	166	210	241
	Other	39	80	80	60	164
	TOTAL OTHER	4,133	4,065	3,949	3,816	8,604
CMU	Undergraduate	365,729	373,968	369,483	374,654	385,619
	Graduate	115,397	123,612	133,867	142,300	155,439
	Other	6,291	5,616	5,101	5,154	5,383
TOTAL	487,417	503,196	508,451	522,108	546,441	

CARNEGIE MELLON UNIVERSITY

**Summary Faculty Course Evaluation (FCE) Scores
By Department and Semester
Academic Year 1985-86**

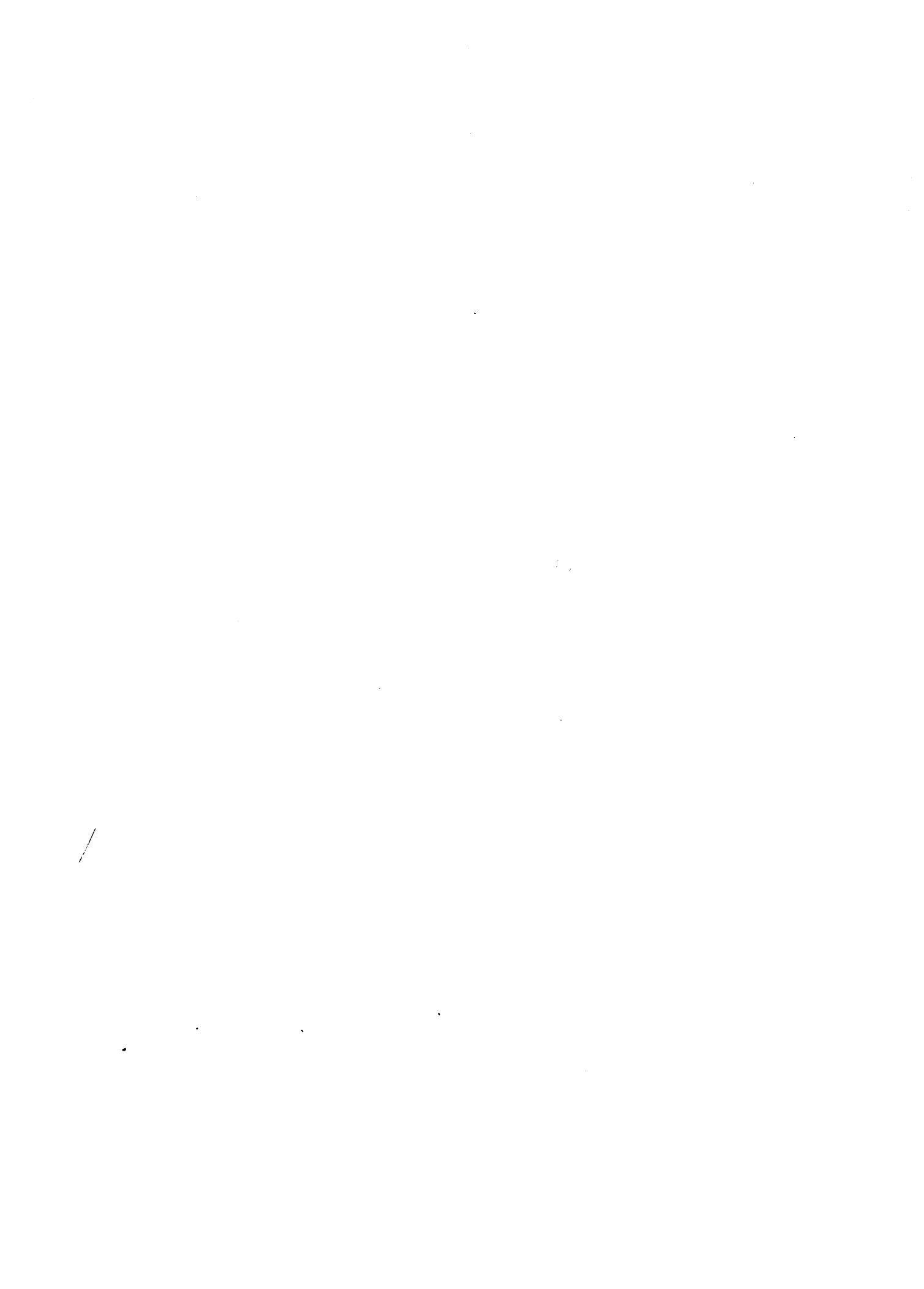
College	Department	Fall Semester			Spring Semester		
		Overall Instructor Rating	Overall Course Rating	Percent Responded	Overall Instructor Rating	Overall Course Rating	Percent Responded
CIT	Biomedical E.	3.73	3.78	80%	3.70	3.87	69%
	Chemical E.	3.58	3.62	69%	3.46	3.46	76%
	Civil E.	3.76	3.71	83%	3.76	3.79	73%
	E & C E.	4.02	3.85	68%	3.83	3.67	58%
	E. & P P	3.83	3.81	71%	3.43	3.52	89%
	Mechanical E.	3.85	3.75	78%	3.81	3.70	71%
	MEMS	3.73	3.63	67%	3.62	3.61	74%
	Interdiscp.	2.27	2.09	75%	3.32	3.17	67%
	TOTAL CIT	3.28	3.15	73%	3.71	3.64	67%
CFA	Architecture	3.75	3.87	62%	3.70	3.75	67%
	Art	4.10	4.12	74%	4.31	4.27	66%
	Design	3.93	4.00	75%	3.77	3.84	74%
	Drama	4.37	4.35	65%	4.32	4.40	56%
	Music	4.54	4.48	70%	4.41	4.43	75%
	Interdiscp.	4.44	4.56	53%	4.56	4.56	86%
	TOTAL CFA	4.11	4.14	69%	4.06	4.09	68%
H&SS	English	4.09	3.93	80%	4.11	3.91	79%
	History	4.21	3.98	76%	4.10	3.83	74%
	Modern Lang.	4.37	4.23	76%	4.36	4.20	79%
	Philosophy	4.01	3.67	71%	4.04	3.79	60%
	Psychology	3.83	3.62	68%	3.55	3.50	65%
	S & D S.	4.10	3.92	70%	3.68	3.28	72%
	Statistics	3.30	2.97	59%	3.56	3.29	57%
	Interdiscp.	3.73	3.53	45%	3.92	3.80	60%
TOTAL H&SS	3.95	3.73	71%	3.91	3.67	70%	
MCS	Biology	4.01	3.98	75%	3.70	3.78	84%
	Chemistry	3.75	3.56	74%	4.01	3.80	68%
	Math	3.95	3.78	55%	3.74	3.45	53%
	Physics	4.04	3.91	62%	3.93	3.75	57%
	Interdiscp.	0.00	0.00	0%	4.00	4.00	83%
	TOTAL MCS	3.93	3.77	62%	3.83	3.71	57%
CS	3.85	3.57	57%	3.71	3.53	50%	
ECONOMICS	3.44	3.21	60%	3.56	3.47	61%	
IM	4.02	3.88	65%	3.96	3.82	48%	
AF ROTC	4.39	4.21	87%	4.51	4.23	85%	
ARMY ROTC	4.35	4.29	70%	4.53	4.30	98%	
PHYS. ED.	4.50	4.33	48%	4.28	4.33	48%	

CARNEGIE MELLON UNIVERSITY

**Summary Faculty Course Evaluation (FCE) Scores
By Department and Year
Academic Years 1981-82 to 1985-86**

College	Department	Overall Instructor Rating					Overall Course Rating				
		1981-82	1982-83	1983-84	1984-85	1985-86	1981-82	1982-83	1983-84	1984-85	1985-86
CIT	Biomedical E.	3.53	3.72	3.39	3.64	3.72	3.31	3.73	3.48	3.76	3.82
	Chemical E.	3.75	3.52	3.58	3.90	3.51	3.64	3.48	3.50	3.73	3.53
	Civil E.	3.90	3.98	4.08	3.88	3.76	3.71	3.86	3.88	3.83	3.76
	E & C E.	3.73	3.62	3.72	3.75	3.92	3.48	3.47	3.50	3.60	3.75
	E. & P P	4.10	3.61	3.95	3.61	3.58	4.03	3.54	3.76	3.43	3.63
	Mechanical E.	3.97	3.98	3.85	3.87	3.83	3.76	3.81	3.77	3.78	3.73
	MEMS	3.55	3.77	3.75	3.76	3.67	3.47	3.71	3.59	3.58	3.62
	Interdiscp.	3.49	3.89	3.03	3.83	2.33	3.52	3.94	2.81	3.82	2.15
	TOTAL CIT	3.74	3.75	3.74	3.79	3.47	3.60	3.64	3.59	3.67	3.36
CFA	Architecture	3.63	3.75	3.70	3.88	3.73	3.64	3.74	3.75	3.79	3.81
	Art	4.26	4.30	4.13	4.16	4.20	4.20	4.25	4.09	4.13	4.19
	Design	3.84	3.64	3.69	3.85	3.86	3.91	3.56	3.72	3.87	3.93
	Drama	4.41	4.27	4.13	4.27	4.35	4.18	4.22	4.05	4.26	4.37
	Music	4.38	4.33	4.46	4.66	4.49	4.17	4.29	4.47	4.61	4.46
	Interdiscp.	4.45	4.51	4.47	4.46	4.50	4.50	4.49	4.43	4.39	4.56
	TOTAL CFA	4.09	4.02	3.99	4.06	4.09	4.00	3.97	3.99	4.06	4.12
H&SS	English	4.08	4.00	3.95	4.08	4.10	3.80	3.83	3.76	3.89	3.92
	History	4.13	4.15	4.19	4.16	4.16	3.55	3.75	3.83	3.80	3.91
	Modern Lang.	4.39	4.18	4.20	4.16	4.37	4.09	4.07	4.03	4.09	4.22
	Philosophy	4.01	3.67	3.82	4.15	4.02	3.62	3.47	3.38	3.75	3.72
	Psychology	3.96	3.57	3.62	3.99	3.72	3.73	3.41	3.49	3.90	3.57
	S & D S.	3.84	3.89	3.60	3.63	3.89	3.37	3.35	3.40	3.30	3.60
	Statistics	3.51	3.42	3.26	3.76	3.41	3.34	3.35	3.19	3.61	3.10
	Interdiscp.	3.98	3.82	4.19	3.30	3.88	3.96	3.74	3.84	3.17	3.74
	TOTAL H&SS	4.00	3.90	3.83	3.96	3.93	3.65	3.63	3.62	3.73	3.70
MCS	Biology	3.71	3.65	3.49	3.99	3.87	3.57	3.71	3.37	3.98	3.87
	Chemistry	3.79	3.76	3.68	3.64	3.83	3.49	3.56	3.45	3.51	3.63
	Math	3.77	3.78	3.82	3.87	3.86	3.57	3.56	3.68	3.66	3.63
	Physics	3.82	3.96	3.86	3.86	4.00	3.55	3.80	3.82	3.71	3.85
	Interdiscp.	0.00	0.00	0.00	3.31	4.00	0.00	0.00	0.00	3.08	4.00
TOTAL MCS	3.79	3.82	3.78	3.82	3.89	3.56	3.64	3.65	3.64	3.71	
CS	3.32	3.48	3.53	3.81	3.78	3.15	3.22	3.30	3.58	3.55	
ECONOMICS	3.63	3.41	3.19	3.44	3.50	3.38	3.13	2.98	3.29	3.34	
IM	3.77	3.90	4.15	4.02	3.99	3.62	3.77	3.90	3.94	3.85	
AF ROTC	4.35	3.94	4.27	4.23	4.45	3.71	4.22	4.40	4.05	4.22	
ARMY ROTC	4.00	4.19	3.67	3.93	4.41	4.00	4.33	3.72	3.82	4.32	
PHYS. ED.	4.51	4.74	4.59	4.59	4.33	4.26	4.66	4.50	4.49	4.33	

FACULTY



CARNEGIE MELLON UNIVERSITY

**Total Faculty
By Department, Category and Status
Fall Semester 1986**

College	Department	Regular Faculty			Special Faculty			Research Faculty			TOTAL FACULTY		
		Full	Part	Total	Full	Part	Total	Full	Part	Total	Full	Part	Total
CIT	Biomedical E.	1.0	0.0	1.0	1.0	0.0	1.0	0.0	0.0	0.0	2.0	0.0	2.0
	Chemical E.	15.5	0.0	15.5	1.0	1.0	2.0	2.0	1.0	3.0	18.5	2.0	20.5
	Civil E.	13.5	0.0	13.5	0.0	1.0	1.0	3.0	0.0	3.0	16.5	1.0	17.5
	E & C E.	28.7	0.0	28.7	0.0	2.0	2.0	6.0	0.0	6.0	34.7	2.0	36.7
	E. & P P	6.3	0.0	6.3	1.0	1.0	2.0	2.0	0.0	2.0	9.3	1.0	10.3
	Mechanical E.	18.5	0.0	18.5	1.0	6.0	7.0	6.0	0.0	6.0	25.5	6.0	31.5
	MEMS	16.5	0.0	16.5	0.0	1.0	1.0	5.0	0.0	5.0	21.5	1.0	22.5
	Dean's Ofc.	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5
	EDRC	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	3.0	3.0	0.0	3.0
	TOTAL CIT	100.5	0.0	100.5	4.0	12.0	16.0	27.0	1.0	28.0	131.5	13.0	144.5
CFA	Architecture	16.5	0.0	16.5	0.0	12.0	12.0	0.0	0.0	0.0	16.5	12.0	28.5
	Art	20.0	0.0	20.0	1.0	11.0	12.0	0.0	0.0	0.0	21.0	11.0	32.0
	Design	13.0	0.0	13.0	0.0	3.0	3.0	0.0	0.0	0.0	13.0	3.0	16.0
	Drama	18.0	0.0	18.0	1.0	1.0	2.0	0.0	0.0	0.0	19.0	1.0	20.0
	Music	12.0	0.0	12.0	1.0	36.0	37.0	0.0	0.0	0.0	13.0	36.0	49.0
	Dean's Ofc.	0.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
	Pre-Col. Mus.	0.0	0.0	0.0	0.0	22.0	22.0	0.0	0.0	0.0	0.0	22.0	22.0
	TOTAL CFA	79.5	0.0	79.5	3.0	87.0	90.0	0.0	0.0	0.0	82.5	87.0	169.5
H&SS	English	26.5	0.0	26.5	2.0	7.0	9.0	0.0	0.0	0.0	28.5	7.0	35.5
	History	21.0	0.0	21.0	5.0	3.0	8.0	0.0	0.0	0.0	26.0	3.0	29.0
	Philosophy	11.3	0.0	11.3	0.0	1.0	1.0	1.0	0.0	1.0	12.3	1.0	13.3
	Psychology	17.0	0.0	17.0	0.0	2.0	2.0	13.0	0.0	13.0	30.0	2.0	32.0
	S & D S.	18.5	0.0	18.5	1.0	2.0	3.0	2.0	0.0	2.0	21.5	2.0	23.5
	Statistics	9.5	0.0	9.5	1.0	0.0	1.0	2.0	0.0	2.0	12.5	0.0	12.5
	Dean's Ofc.	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5
	Acad. Adv. C.	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
	TOTAL H&SS	104.3	0.0	104.3	9.0	16.0	25.0	18.0	0.0	18.0	131.3	16.0	147.3
MCS	Biology	16.5	0.0	16.5	2.0	1.0	3.0	24.0	1.0	25.0	42.5	2.0	44.5
	Chemistry	20.0	0.0	20.0	2.0	1.0	3.0	11.0	0.0	11.0	33.0	1.0	34.0
	Math	21.5	0.0	21.5	3.0	0.0	3.0	0.0	0.0	0.0	24.5	0.0	24.5
	Physics	28.1	0.0	28.1	0.0	0.0	0.0	10.0	1.0	11.0	38.1	1.0	39.1
	Dean's Ofc.	1.5	0.0	1.5	0.0	0.0	0.0	1.0	0.0	1.0	2.5	0.0	2.5
	TOTAL MCS	87.6	0.0	87.6	7.0	2.0	9.0	46.0	2.0	48.0	140.6	4.0	144.6
CS	30.7	0.0	30.7	7.0	0.0	7.0	28.0	0.0	28.0	65.7	0.0	65.7	
GSIA	63.9	0.0	63.9	7.0	8.0	15.0	1.0	0.0	1.0	71.9	8.0	79.9	
SUPA	21.8	0.0	21.8	1.0	9.0	10.0	0.0	0.0	0.0	22.8	9.0	31.8	
MELLON I. ROBOTICS SEI		0.0	0.0	0.0	0.0	0.0	0.0	30.0	3.0	33.0	30.0	3.0	33.0
		0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	21.0	21.0	0.0	21.0
		0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	14.0	14.0	0.0	14.0
PHYS. ED.	2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	2.0	
OTHER	12.8	0.0	12.8	2.0	4.0	6.0	1.0	0.0	1.0	15.8	4.0	19.8	
TOTAL		503.0	0.0	503.0	40.0	138.0	178.0	186.0	6.0	192.0	729.0	144.0	873.0

CARNEGIE MELLON UNIVERSITY

**Full-Time Regular Faculty
By Rank and Department
Fall Semester 1986**

College Department		University Professor	Professor	Associate Professor	Assistant Professor	Instructor	TOTAL
CIT	Biomedical E.	0.00	1.00	0.00	0.00	0.00	1.00
	Chemical E.	0.00	8.00	5.50	2.00	0.00	15.50
	Civil E.	1.00	6.50	2.50	3.50	0.00	13.50
	E & C E.	0.00	15.70	5.00	8.00	0.00	28.70
	E. & P P	0.00	3.00	1.75	1.50	0.00	6.25
	Mechanical E.	0.00	9.50	4.00	5.00	0.00	18.50
	MEMS	1.00	10.50	3.00	2.00	0.00	16.50
	Dean's Ofc.	0.00	0.50	0.00	0.00	0.00	0.50
	TOTAL CIT	2.00	54.70	21.75	22.00	0.00	100.45
CFA	Architecture	0.00	4.00	5.50	6.00	1.00	16.50
	Art	0.00	7.00	11.00	2.00	0.00	20.00
	Design	0.00	0.00	11.00	2.00	0.00	13.00
	Drama	0.00	5.00	3.00	8.00	2.00	18.00
	Music	0.00	7.00	3.00	2.00	0.00	12.00
	TOTAL CFA	0.00	23.00	33.50	20.00	3.00	79.50
	H&S	English	0.00	7.00	15.50	4.00	0.00
History		0.00	10.00	7.00	4.00	0.00	21.00
Philosophy		0.00	1.00	4.25	6.00	0.00	11.25
Psychology		1.00	10.00	3.00	3.00	0.00	17.00
S & D S.		1.00	3.00	8.50	6.00	0.00	18.50
Statistics		1.00	3.50	2.00	3.00	0.00	9.50
Dean's Ofc.		0.00	0.00	0.50	0.00	0.00	0.50
TOTAL H&S		3.00	34.50	40.75	26.00	0.00	104.25
MCS	Biology	0.00	7.50	7.00	2.00	0.00	16.50
	Chemistry	1.00	10.00	4.00	5.00	0.00	20.00
	Math	0.00	17.50	3.00	1.00	0.00	21.50
	Physics	1.00	20.05	2.00	5.00	0.00	28.05
	Dean's Ofc.	0.00	1.50	0.00	0.00	0.00	1.50
	TOTAL MCS	2.00	56.55	16.00	13.00	0.00	87.55
CS	3.00	6.70	8.00	13.00	0.00	30.70	
GSIA	1.00	18.00	13.42	25.50	6.00	63.92	
SUPA	1.00	6.50	5.83	7.50	1.00	21.83	
PHYS. ED.	0.00	2.00	0.00	0.00	0.00	2.00	
ADMIN.	0.00	11.05	1.75	0.00	0.00	12.80	
TOTAL	12.00	213.00	141.00	127.00	10.00	503.00	

CARNEGIE MELLON UNIVERSITY

**Full-Time Regular Faculty
By Tenure Status and Department
Fall Semester 1986**

College Department		Tenured	Tenure Stream	Non-Tenure Stream	TOTAL
CIT	Biomedical E.	1.00	0.00	0.00	1.00
	Chemical E.	8.00	7.50	0.00	15.50
	Civil E.	8.00	5.50	0.00	13.50
	E & C E.	16.70	12.00	0.00	28.70
	E. & P P	3.75	2.50	0.00	6.25
	Mechanical E.	9.50	9.00	0.00	18.50
	MEMS	11.50	5.00	0.00	16.50
	Dean's Ofc.	0.50	0.00	0.00	0.50
	TOTAL CIT	58.95	41.50	0.00	100.45
CFA	Architecture	7.50	7.00	2.00	16.50
	Art	10.00	10.00	0.00	20.00
	Design	3.00	10.00	0.00	13.00
	Drama	6.00	10.00	2.00	18.00
	Music	9.00	3.00	0.00	12.00
		TOTAL CFA	35.50	40.00	4.00
H&SS	English	14.50	12.00	0.00	26.50
	History	15.00	6.00	0.00	21.00
	Philosophy	5.00	6.25	0.00	11.25
	Psychology	13.00	4.00	0.00	17.00
	S & D S.	7.00	11.50	0.00	18.50
	Statistics	4.50	5.00	0.00	9.50
	Dean's Ofc.	0.50	0.00	0.00	0.50
	TOTAL H&SS	59.50	44.75	0.00	104.25
MCS	Biology	10.50	6.00	0.00	16.50
	Chemistry	15.00	5.00	0.00	20.00
	Math	20.50	1.00	0.00	21.50
	Physics	21.05	7.00	0.00	28.05
	Dean's Ofc.	1.50	0.00	0.00	1.50
	TOTAL MCS	68.55	19.00	0.00	87.55
	CS	13.70	17.00	0.00	30.70
	GSIA	20.25	37.67	6.00	63.92
	SUPA	8.50	12.33	1.00	21.83
	PHYS. ED.	2.00	0.00	0.00	2.00
	ADMIN	12.05	0.75	0.00	12.80
	TOTAL	279.00	213.00	11.00	503.00

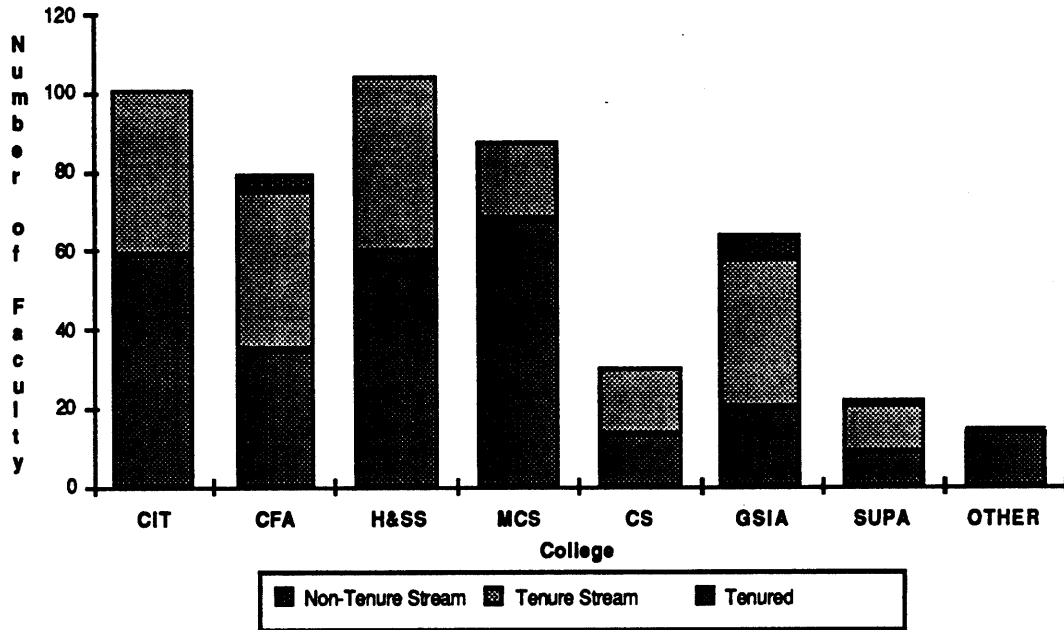
CARNEGIE MELLON UNIVERSITY

**Full-Time Regular Faculty
By College and Tenure Status
Fall Semesters 1982 to 1986**

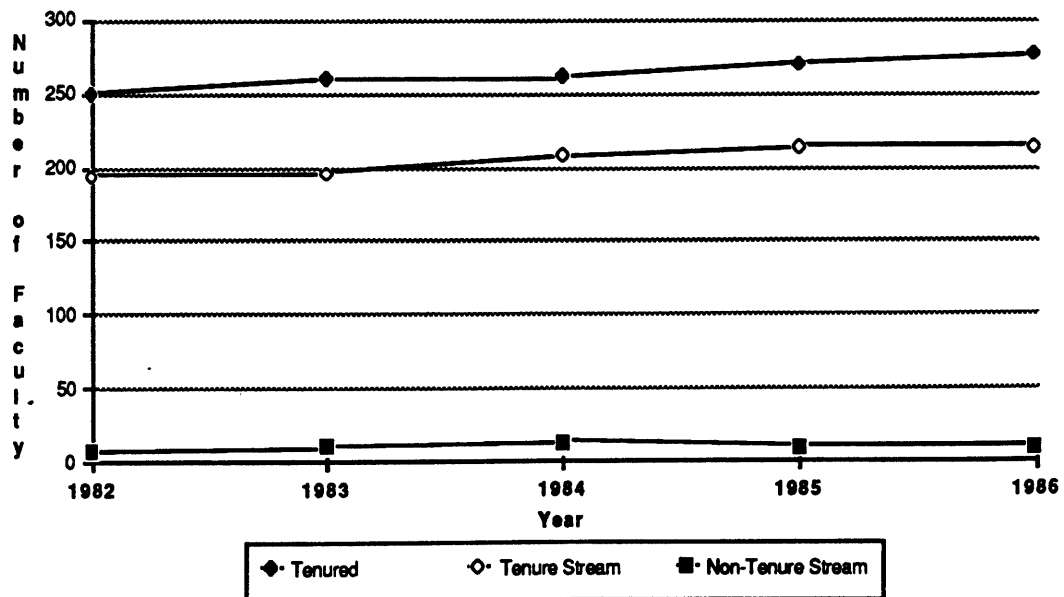
College	Tenure Status	1982	1983	1984	1985	1986
CIT	Tenured	51.00	57.50	55.00	52.75	58.95
	Tenure Stream	47.00	45.80	47.50	48.50	41.50
	Non-Tenure Stream	1.00	2.00	1.00	0.00	0.00
	Total	99.00	105.30	103.50	101.25	100.45
CFA	Tenured	35.40	36.50	34.50	35.50	35.50
	Tenure Stream	40.50	38.00	39.00	38.00	40.00
	Non-Tenure Stream	3.00	3.00	6.00	4.00	4.00
	Total	78.90	77.50	79.50	77.50	79.50
H&SS	Tenured	46.70	49.50	52.50	56.00	59.50
	Tenure Stream	38.75	42.75	48.25	47.25	44.75
	Non-Tenure Stream	1.00	2.00	2.00	3.00	0.00
	Total	86.45	94.25	102.75	106.25	104.25
MCS	Tenured	64.50	64.00	68.50	69.75	68.55
	Tenure Stream	18.00	19.00	15.00	19.00	19.00
	Non-Tenure Stream	2.00	3.00	0.00	0.00	0.00
	Total	84.50	86.00	83.50	88.75	87.55
CS	Tenured	10.50	11.50	7.50	9.50	13.70
	Tenure Stream	13.50	14.50	17.50	15.50	17.00
	Non-Tenure Stream	0.00	0.00	0.00	0.00	0.00
	Total	24.00	26.00	25.00	25.00	30.70
GSIA	Tenured	19.10	19.00	23.00	22.25	20.25
	Tenure Stream	27.75	30.15	29.75	33.67	37.67
	Non-Tenure Stream	1.00	1.00	3.00	3.00	6.00
	Total	47.85	50.15	55.75	58.92	63.92
SUPA	Tenured	8.80	8.00	8.00	10.00	8.50
	Tenure Stream	11.00	7.80	10.50	12.33	12.33
	Non-Tenure Stream	0.00	0.00	2.00	0.00	1.00
	Total	19.80	15.80	20.50	22.33	21.83
OTHER	Tenured	15.00	15.00	13.00	15.25	14.05
	Tenure Stream	0.50	0.00	1.50	0.75	0.75
	Non-Tenure Stream	0.00	0.00	0.00	0.00	0.00
	Total	15.50	15.00	14.50	16.00	14.80
CMU	Tenured	251.00	261.00	262.00	271.00	279.00
	Tenure Stream	197.00	198.00	209.00	215.00	213.00
	Non-Tenure Stream	8.00	11.00	14.00	10.00	11.00
	Total	456.00	470.00	485.00	496.00	503.00

CARNEGIE MELLON UNIVERSITY

**Full-Time Regular Faculty
By Tenure Status and College
Fall Semester 1986**

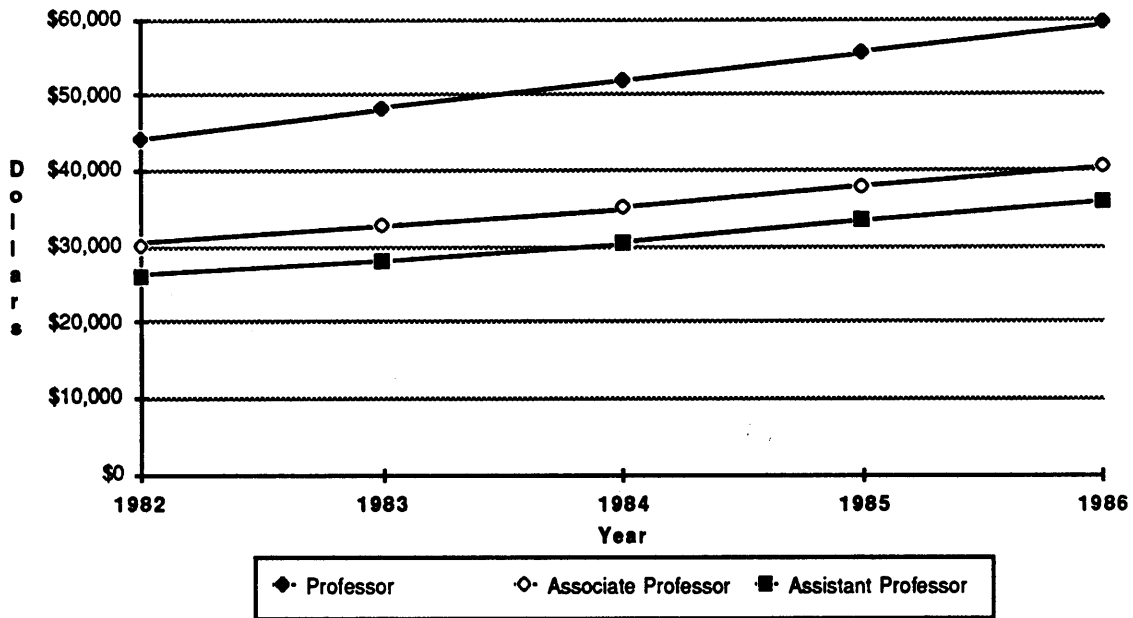


**Full-Time Regular Faculty
By Tenure Status
Fall Semesters 1982 to 1986**



CARNEGIE MELLON UNIVERSITY

**Average Faculty Salaries
for Full-Time Regular Faculty
Fall Semesters 1982 to 1986**



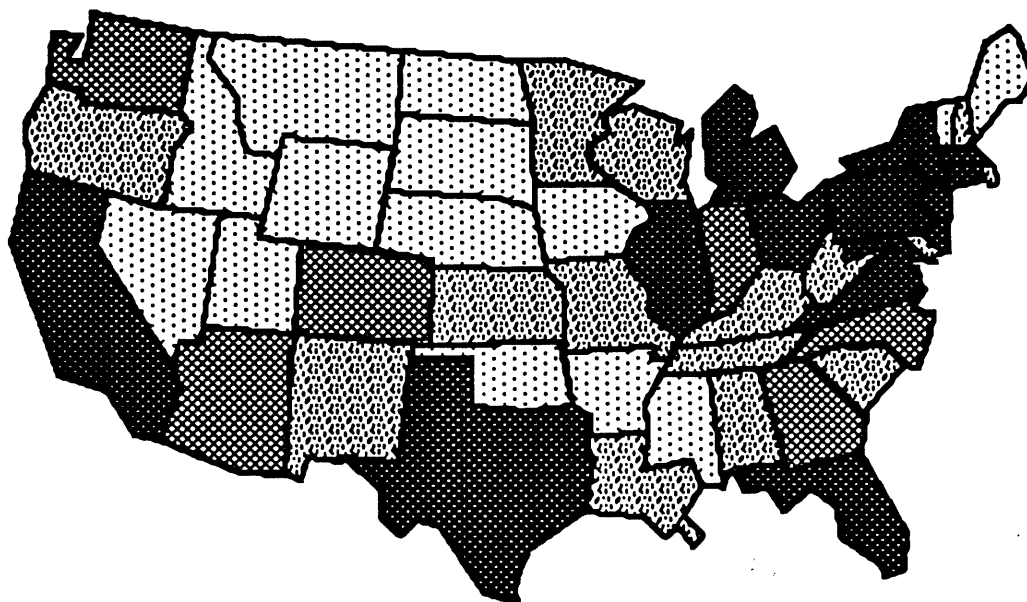
Average Salaries	1982	1983	1984	1985	1986
Professor	\$44,300	\$48,200	\$52,000	\$55,800	\$59,600
Associate Professor	30,500	32,700	35,100	37,900	40,500
Assistant Professor	26,200	28,200	30,600	33,400	36,100

Source: AAUP Salary Survey

ALUMNI

CARNEGIE MELLON UNIVERSITY

**Alumni
By Region and State
Through August 1986**



Region / State	AL	Region / State	AL	Region / State	AL	Region / State	AL
New England		South		Midwest		West	
Connecticut	898	Alabama	119	Illinois	968	Alaska	17
Maine	76	Florida	1,599	Indiana	324	Arizona	357
Massachusetts	1,355	Georgia	346	Iowa	61	California	3,564
New Hampshire	142	Kentucky	142	Kansas	113	Colorado	368
Rhode Island	110	Louisiana	131	Michigan	734	Hawaii	70
Vermont	73	Mississippi	30	Minnesota	230	Idaho	56
TOTAL	2,654	North Carolina	537	Missouri	231	Montana	13
PERCENT OF TOTAL	6%	South Carolina	245	Nebraska	30	Nevada	39
		Tennessee	229	North Dakota	5	Oregon	152
Middle States		Virginia	1,172	Ohio	2,251	Utah	47
Delaware	230	TOTAL	4,550	South Dakota	11	Washington	327
District of Columbia	312	PERCENT OF TOTAL	10%	West Virginia	296	Wyoming	22
Maryland	1,511			Wisconsin	210	TOTAL	5,032
New Jersey	1,828	Southwest		TOTAL	5,464	PERCENT OF TOTAL	11%
New York	3,641	Arkansas	39	PERCENT OF TOTAL	12%		
Pennsylvania	13,582	New Mexico	152			U.S. TOTAL	40,124
TOTAL	21,104	Texas	1,032			PERCENT OF TOTAL	89%
PERCENT OF TOTAL	47%	Oklahoma	97			Unknown	3,616
		TOTAL	1,320			Foreign Country	1,268
		PERCENT OF TOTAL	3%			TOTAL	45,008

FINANCES

CARNEGIE MELLON UNIVERSITY

**Tuition and Fees
Academic Years 1982-83 to 1986-87**

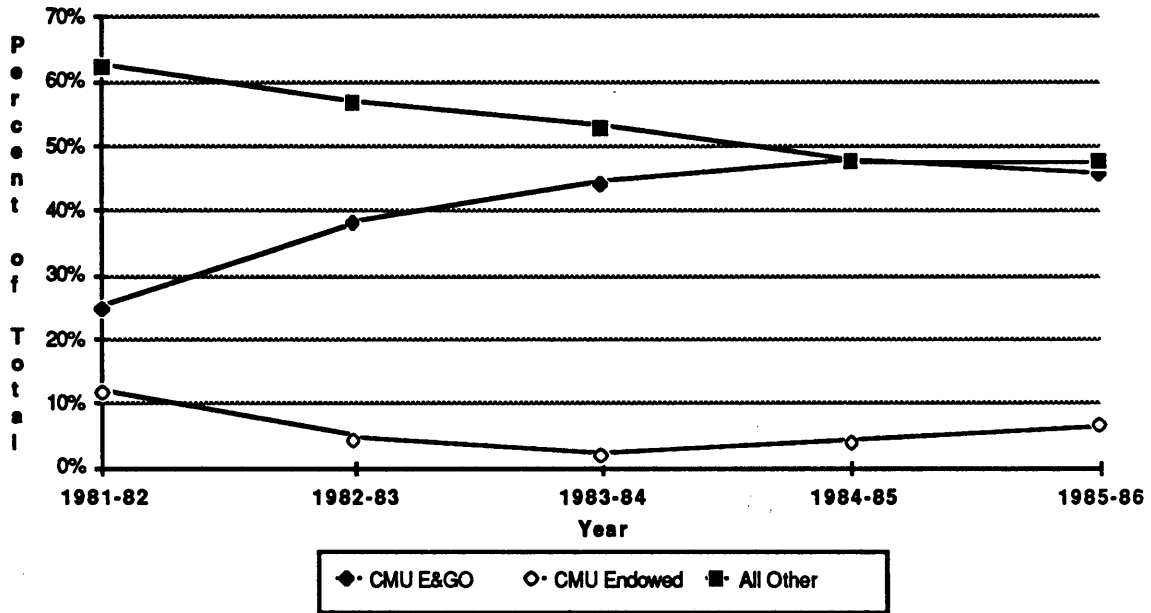
	1982-83	1983-84	1984-85	1985-86	1986-87
Undergraduate Tuition	\$6,300	\$7,500	\$8,400	\$9,400	\$10,250
Graduate Tuition					
CFA	\$7,500	\$8,200	\$9,100	\$10,000	\$10,500
CIT	7,500	8,200	9,100	10,000	11,000
H&SS	7,500	8,200	9,100	10,000	10,500
MCS	7,500	8,200	9,100	10,000	10,750
CS	7,500	8,200	9,100	10,000	11,000
GSIA	7,500	8,400	9,500	10,608	11,628
SUPA	7,500	8,400	9,400	10,000	11,000
Student Activities Fee	\$50	\$50	\$60	\$60	\$60

**Room and Board
Academic Years 1982-83 to 1986-87**

	1982-83	1983-84	1984-85	1985-86	1986-87
Average Room (Standard Double)	\$1,670	\$1,850	\$1,980	\$2,080	\$2,170
Average Board (19 Meals/Week)	\$1,176	\$1,246	\$1,344	\$1,425	\$1,503

CARNEGIE MELLON UNIVERSITY

**Scholarships & Grants
By Source, Percent of Total
Academic Years 1981-82 to 1985-86**



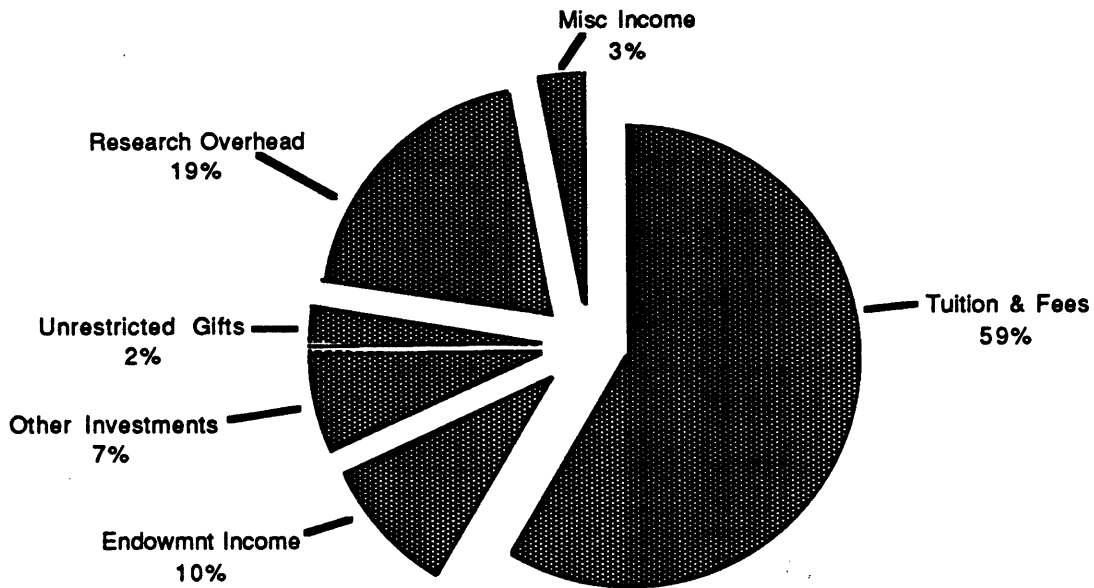
**All Other *includes Federal, State and Other Grant Resources.

**Undergraduate Financial Aid Resources
By Source
Academic Years 1981-1982 to 1985-1986
(Dollars in Thousands)**

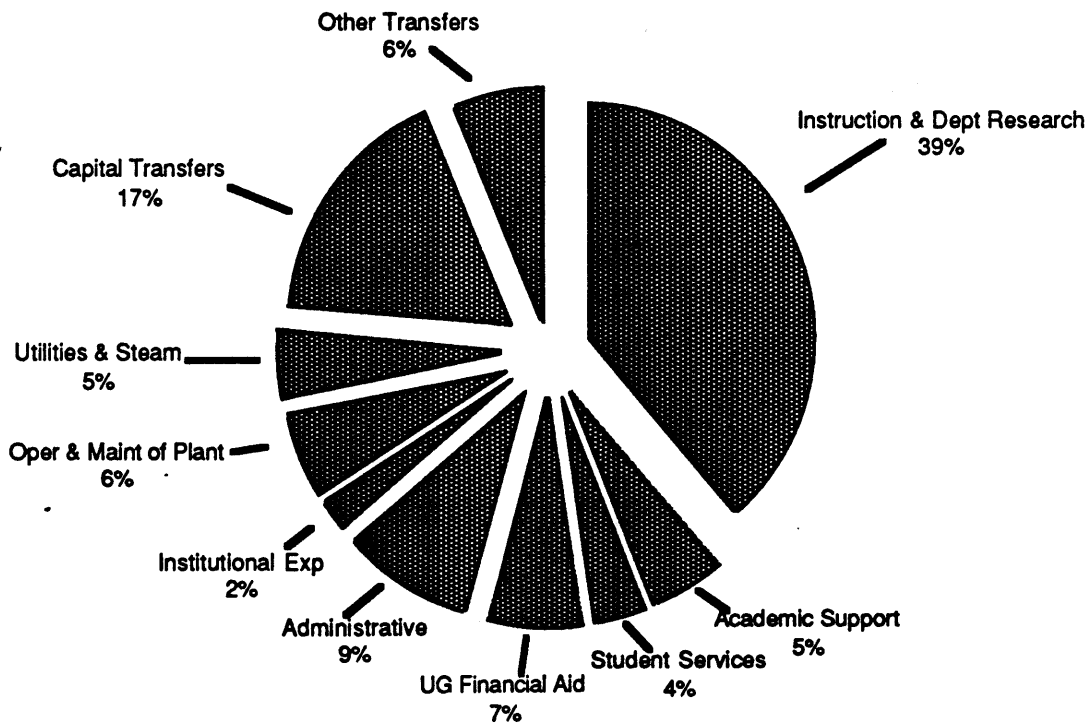
AID CATEGORIES	1981-82	1982-83	1983-84	1984-85	1985-86
Scholarships & Grants					
Federal (PELL, SEOG)	\$2,648	\$2,569	\$2,632	\$2,583	\$2,666
State (PHEAA)	1,261	1,286	1,078	1,107	1,178
CMU E&GO	2,050	3,339	4,404	5,289	6,129
CMU Endowed	976	407	213	477	889
Other Grant Resources	1,189	1,104	1,549	1,565	2,596
TOTAL	\$8,124	\$8,705	\$9,876	\$11,021	\$13,458
Self-Help					
Workstudy	\$1,128	\$1,609	\$1,671	\$1,739	\$2,001
Loans	7,844	7,525	7,354	8,774	8,693
TOTAL	\$8,972	\$9,134	\$9,025	\$10,513	\$10,694
TOTAL RESOURCES	\$17,096	\$17,839	\$18,901	\$21,534	\$24,152
% of Undergraduates with Need	65.8%	68.0%	67.4%	62.2%	63.0%

CARNEGIE MELLON UNIVERSITY

**Distribution of Educational and General Operating (E&GO) Income
Fiscal Year 1986
(Total = \$86, 793,316)**

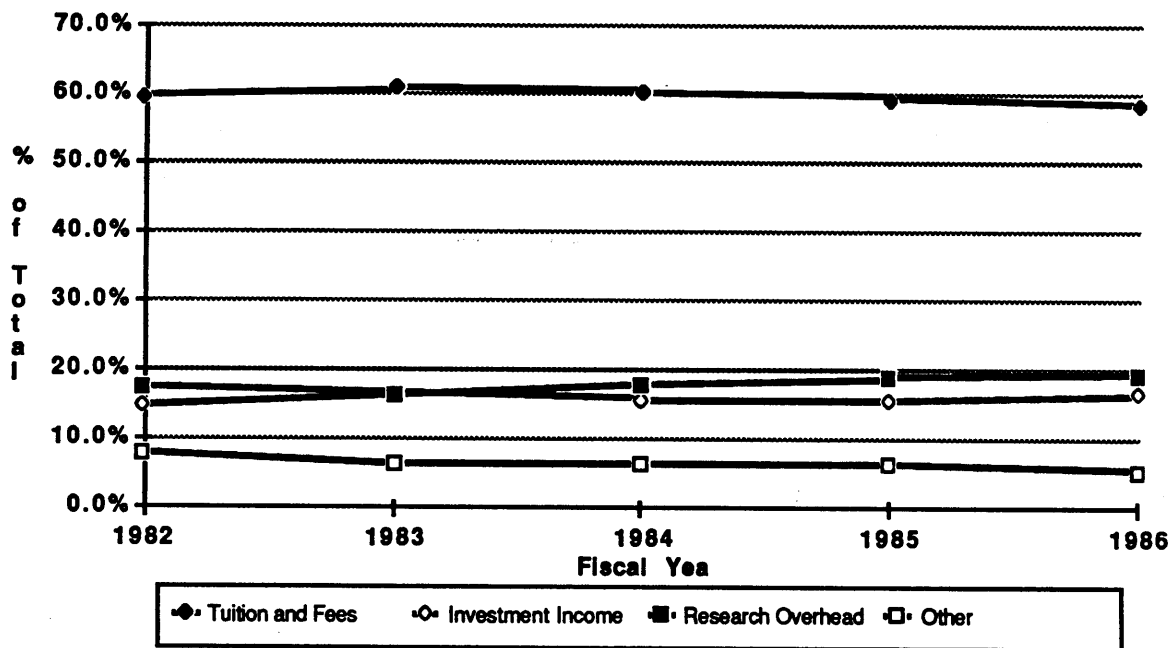


**Distribution of Educational and General Operating (E&GO) Expenditures and Transfers
Fiscal Year 1986
(Total = \$86, 713,352)**



CARNEGIE MELLON UNIVERSITY

**Percent of Educational and General Operating (E&GO) Income
by Source
Fiscal Years 1982 to 1986**



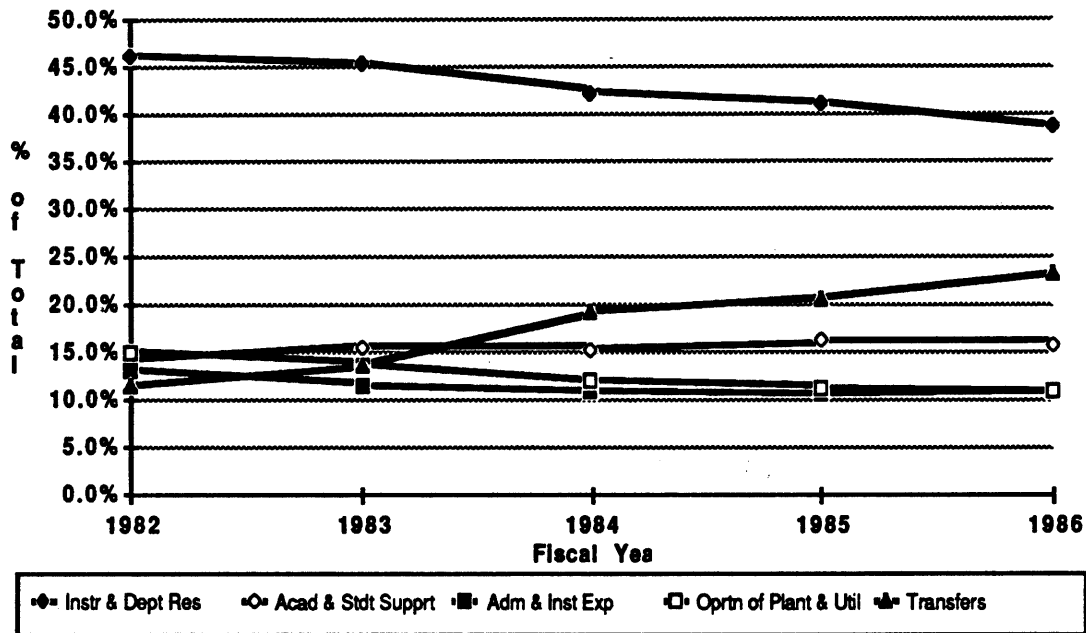
* "Investment income" includes endowment income and other investments. "Other" includes unrestricted gifts and miscellaneous income.

**Educational and General Operating (E&GO) Income
by Source
Fiscal Years 1982 to 1986
(Dollars in Thousands)**

Income	1982	1983	1984	1985	1986
Tuition and Fees	\$27,312	\$33,065	\$38,995	\$44,452	\$50,925
Endowment Income	5,715	6,115	6,564	6,558	8,297
Other Investments	1,082	2,954	3,590	5,073	6,185
Unrestricted Gifts	2,067	1,992	2,486	2,664	2,127
Research Overhead	7,894	8,848	11,623	14,069	16,755
Miscellaneous Income	1,606	1,398	1,570	1,956	2,504
TOTAL	\$45,676	\$54,372	\$64,828	\$74,772	\$86,793

CARNEGIE MELLON UNIVERSITY

**Percent of Educational and General Operating (E&GO) Expenditures and Transfers by Function
Fiscal Years 1982 to 1986**



* "Academic & Student Support" includes Academic Support, Student Services and Undergraduate Financial Aid.

**Educational and General Operating (E&GO) Expenditures and Transfers by Function
Fiscal Years 1982 to 1986
(Dollars in Thousands)**

	1982	1983	1984	1985	1986
Expenditures					
Instruction & Department Research	\$21,010	\$24,552	\$27,429	\$30,796	\$33,510
Academic Support	2,072	2,662	2,946	3,738	4,558
Student Services	2,330	2,484	2,626	3,024	3,214
Undergraduate Financial Aid	2,050	3,339	4,406	5,289	6,129
Administrative	4,565	5,277	5,731	6,569	7,908
Institutional Expense	1,408	1,018	1,412	1,465	1,768
Operation & Maintenance of Plant	3,474	4,042	4,305	4,644	5,244
Utilities & Steam	3,452	3,479	3,488	3,818	4,239
TOTAL	\$40,361	\$46,853	\$52,343	\$59,343	\$66,570
Transfers					
Capital	\$4,720	\$5,935	\$10,138	\$11,491	\$14,708
Other	530	1,498	2,263	3,857	5,435
TOTAL	\$5,250	\$7,433	\$12,401	\$15,348	\$20,143
TOTAL	\$45,611	\$54,286	\$64,744	\$74,691	\$86,713

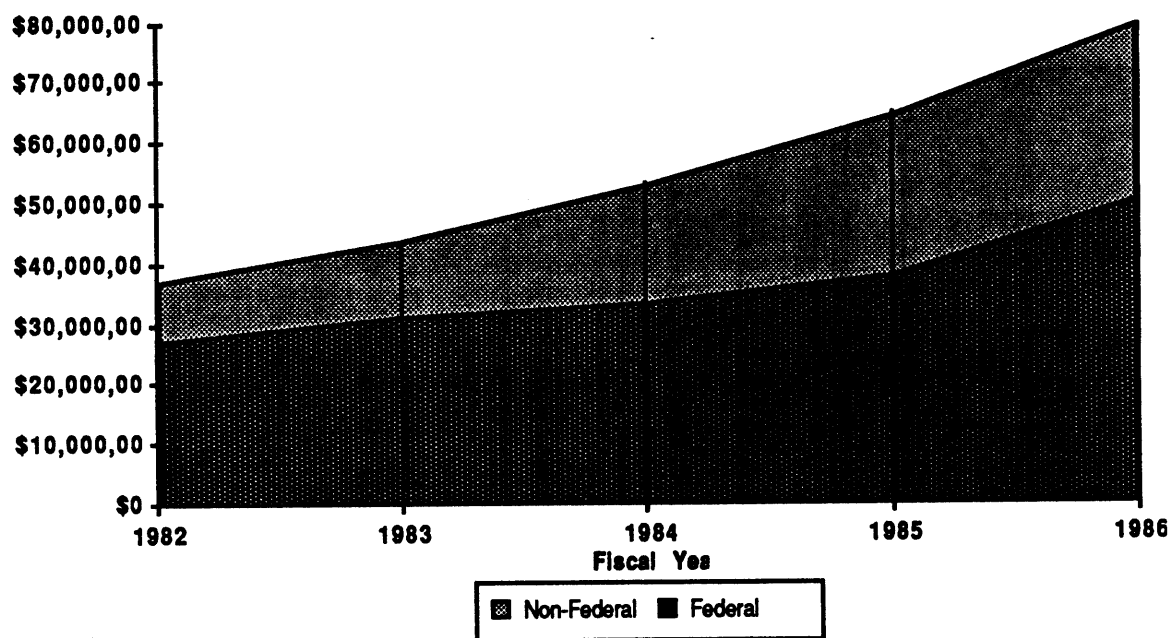
CARNEGIE MELLON UNIVERSITY

**Total Sponsored Research Costs
by College and Research Center
Fiscal Years 1982 to 1986
(Dollars in Thousands)**

	1982	1983	1984	1985	1986
Direct Costs					
CIT	\$5,841	\$6,974	\$9,208	\$10,170	\$12,207
MCS	4,355	4,933	5,848	6,924	6,948
CS	5,453	7,728	10,029	11,531	13,803
CFA	212	164	337	404	233
H&SS	1,966	1,634	1,767	2,295	3,302
GSIA	638	683	700	685	810
SUPA	771	752	346	467	381
Robotics	2,210	3,636	4,254	4,773	4,125
MIR	6,304	5,049	4,576	4,884	5,495
ITC	0	0	0	3,704	2,323
SEI	0	0	0	1,892	7,913
WPATC	0	0	70	229	1,325
Other	256	877	2,147	440	1,399
TOTAL	\$28,006	\$32,430	\$39,282	\$48,398	\$60,264
Indirect Costs					
CIT	\$2,109	\$2,495	\$3,185	\$3,489	\$3,926
MCS	1,467	1,754	2,100	2,252	2,648
CS	1,756	2,262	3,056	3,824	4,501
CFA	84	53	125	143	81
H&SS	533	544	715	750	1,005
GSIA	304	290	270	300	381
SUPA	226	321	132	132	169
Robotics	715	1,114	1,225	1,541	1,530
MIR	1,841	1,877	1,717	1,871	2,207
ITC	0	0	0	1,533	1,486
SEI	0	0	0	109	575
WPATC	0	0	0	0	0
Other	44	318	1,110	16	303
TOTAL	\$9,079	\$11,028	\$13,635	\$15,960	\$18,812
Total Sponsored Research Costs					
CIT	\$7,950	\$9,469	\$12,393	\$13,659	\$16,133
MCS	5,822	6,687	7,948	9,176	9,596
CS	7,209	9,990	13,085	15,355	18,304
CFA	296	217	462	547	314
H&SS	2,499	2,178	2,482	3,045	4,307
GSIA	942	973	970	985	1,191
SUPA	997	1,073	478	599	550
Robotics	2,925	4,750	5,479	6,314	5,655
MIR	8,145	6,926	6,293	6,755	7,702
ITC	0	0	0	5,237	3,809
SEI	0	0	0	2,001	8,488
WPATC	0	0	70	229	1,325
Other	300	1,195	3,257	456	1,702
TOTAL	\$37,085	\$43,458	\$52,917	\$64,358	\$79,076

CARNEGIE MELLON UNIVERSITY

Total Sponsored Research Costs by Source Fiscal Years 1982 to 1986

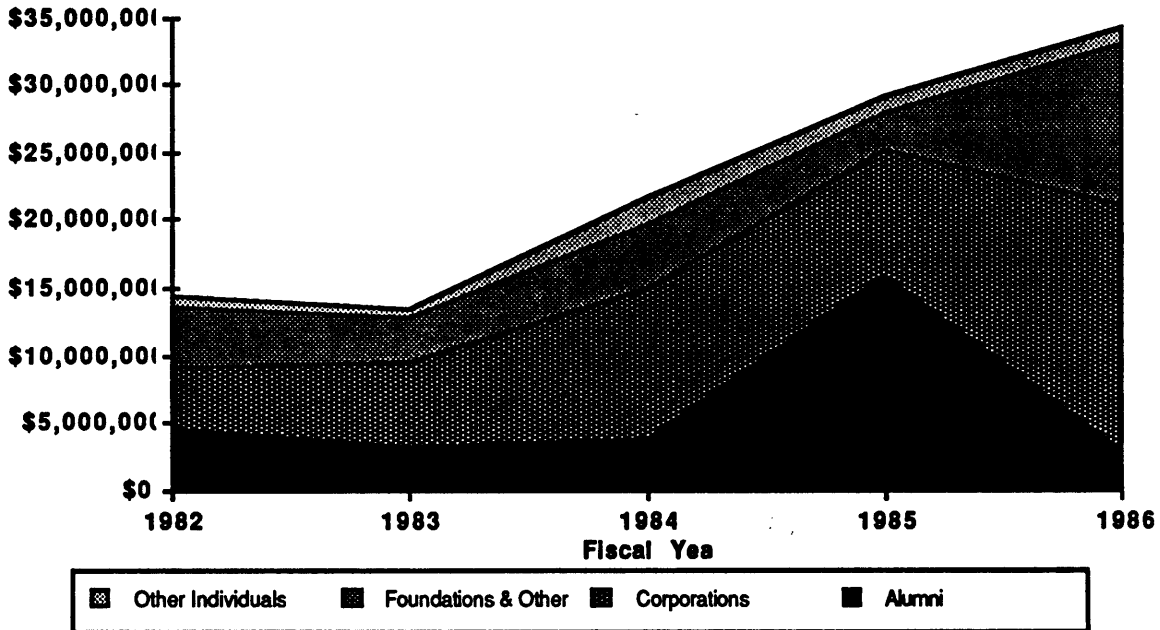


Total Sponsored Research Costs by Agency Fiscal Years 1982 to 1986

	1982	1983	1984	1985	1986
Federal					
Defense	\$4,989,320	\$6,686,923	\$9,303,772	\$15,138,154	\$23,687,246
National Science Foundation	6,309,920	7,319,000	7,547,600	7,508,956	8,490,842
Health & Human Services	3,969,965	4,472,931	4,642,809	5,312,074	6,159,148
Adv. Research Project Agency	5,335,024	6,808,229	6,349,553	4,450,097	5,743,990
Energy	4,667,623	3,962,093	3,399,379	3,495,484	3,273,420
Other Federal	2,165,864	1,992,271	2,379,397	2,070,003	2,840,093
TOTAL	\$27,437,716	\$31,241,447	\$33,622,510	\$37,974,768	\$50,194,739
Non-Federal					
Industrial	\$4,804,715	\$7,974,236	\$12,156,400	\$16,804,123	\$17,403,119
Other Non-Federal	4,842,904	4,242,287	7,138,150	9,579,162	11,478,126
TOTAL	\$9,647,619	\$12,216,523	\$19,294,550	\$26,383,285	\$28,881,245
TOTAL	\$37,085,335	\$43,457,970	\$52,917,060	\$64,358,053	\$79,075,984

CARNEGIE MELLON UNIVERSITY

**Total Giving
By Source
Fiscal Years 1982 to 1986**



**Voluntary Support
By Source and Purpose
Fiscal Years 1982 to 1986**

	1982	1983	1984	1985	1986
Current Operations					
Alumni	\$1,388,766	\$1,805,861	\$1,540,617	\$1,759,992	\$1,846,699
Other Individuals	470,690	353,441	476,885	545,626	588,449
Foundations & Other	4,535,745	3,306,456	4,312,937	2,301,095	6,116,363
Corporations	3,019,898	3,571,764	4,709,330	4,234,355	5,513,757
TOTAL	\$9,415,099	\$9,037,522	\$11,039,769	\$8,841,068	\$14,065,268
Capital					
Alumni	\$3,486,518	\$1,645,999	\$2,438,409	\$14,365,102	\$1,281,624
Other Individuals	291,157	242,988	1,408,232	738,854	686,157
Foundations & Other	10,000	4,370	420,047	314,764	5,796,155
Corporations	1,306,669	2,703,087	6,398,442	4,961,030	12,478,391
TOTAL	\$5,094,344	\$4,596,444	\$10,665,130	\$20,379,750	\$20,242,327
Total Giving					
Alumni	\$4,875,284	\$3,451,860	\$3,979,026	\$16,125,094	\$3,128,323
Other Individuals	761,847	596,429	1,885,117	1,284,480	1,274,606
Foundations & Other	4,545,745	3,310,826	4,732,984	2,615,859	11,912,518
Corporations	4,326,567	6,274,851	11,107,772	9,195,385	17,992,148
TOTAL	\$14,509,443	\$13,633,966	\$21,704,899	\$29,220,818	\$34,307,595

Source: *Survey of Voluntary Support of Education*, Council for Financial Aid to Education

FACILITIES



CARNEGIE MELLON UNIVERSITY

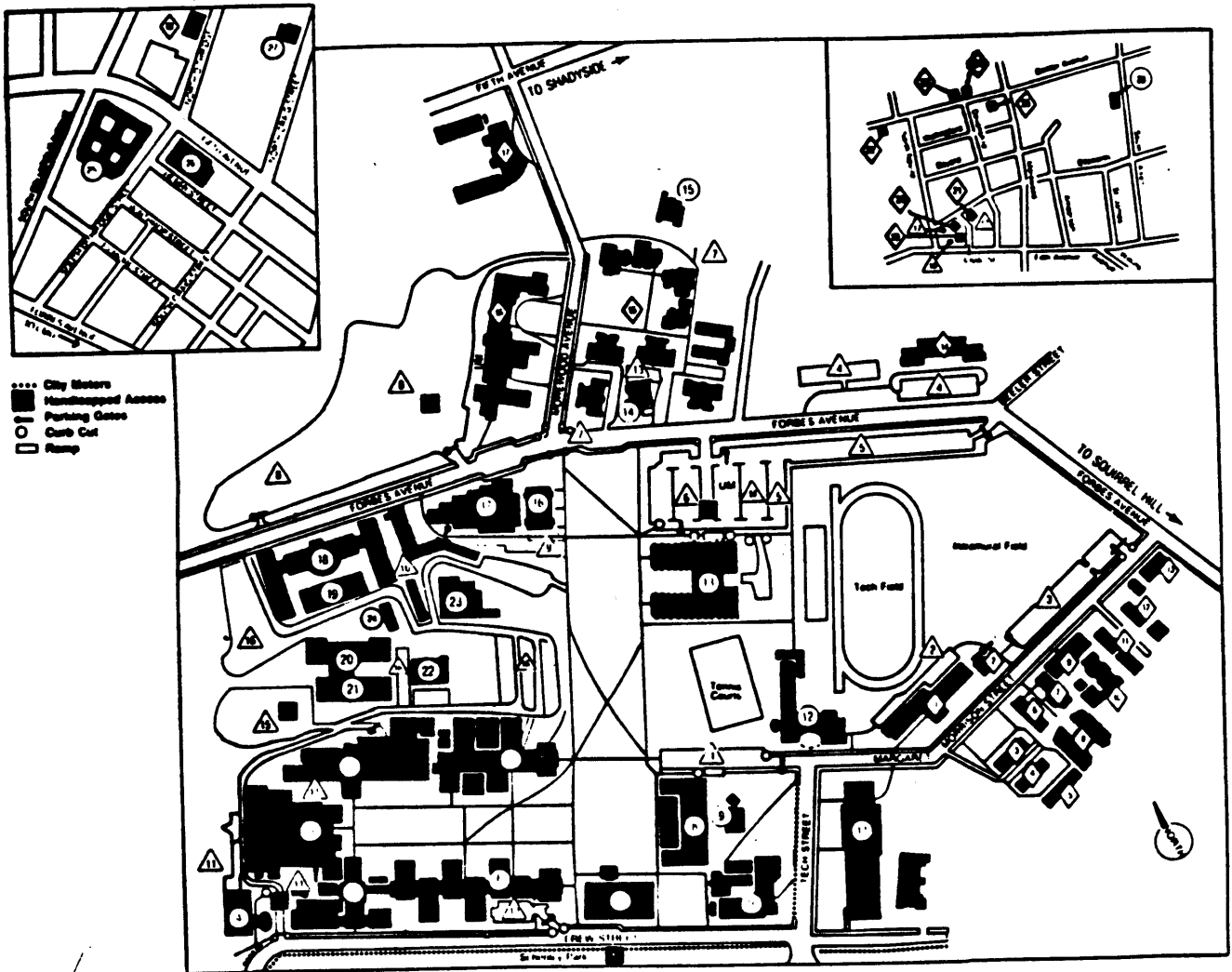
**Total Space, in Square Footage,
By Major Division, College/Division, and Use Category
Fall Semester 1986**

	Use Category				TOTAL
	Classroom	Laboratory/ Studio	Office	Other	
Major Division					
College/Division					
President					
Athletics	0	0	2,890	50,287	53,177
Other	0	0	2,782	10	2,792
TOTAL	0	0	5,672	50,297	55,969
Sr. V.P. for Academic Affairs					
CFA	16,514	112,266	31,957	24,350	185,087
H&SS	2,572	11,597	56,825	3,193	74,187
CS	1,502	5,584	32,947	21,432	61,465
V.P., Comp & Acad. S.	762	4,078	24,590	105,302	134,732
Dean, Student Affairs	0	215	5,771	20,421	26,407
Other	0	90	7,452	14,424	21,966
TOTAL	21,350	133,830	159,542	189,122	503,844
Provost					
CIT	364	108,864	68,878	28,355	206,461
MCS	1,280	118,035	50,365	22,539	192,219
GSIA	8,822	305	18,350	5,303	32,780
SUPA	1,631	550	13,589	3,651	19,421
MI	632	28,094	15,899	27,604	72,229
NMR	0	1,081	1,295	1,130	3,506
Robotics	0	11,371	18,273	1,507	31,151
Super-Computer	0	0	4,861	144	5,005
Other	0	0	855	379	1,234
TOTAL	12,729	268,300	192,365	90,612	564,006
V. P. for Business Affairs					
Auxiliary Services	0	0	1,772	33,474	35,246
Other	0	0	26,004	26,054	52,058
TOTAL	0	0	27,776	59,528	87,304
V. P. for Development	0	0	8,239	148	8,387
V. P. for Enrollment	53,012	318	13,927	7,437	74,694
V. P. for University Relations	0	0	2,200	9,401	11,601
Building Support	0	0	0	624,246	624,246
Total Academic/Administrative	87,091	402,448	409,721	1,030,791	1,930,051
*On-Campus Dormitories	*	*	*	*	688,367
Rental Space **					
Warehouse/Storage	*	*	*	*	52,700
Research	*	*	*	*	47,900
TOTAL					100,600
TOTAL	*	*	*	*	2,719,018

**Dormitory Rentals excluded.

CARNEGIE MELLON UNIVERSITY

Current Campus Map
November, 1986



- City Motors
- Handicapped Access
- Parking Gates
- Curb Cut
- Ramp

Parking Area

- 1 Fine Arts
- 2 Donner
- 3 Margaret Morrison
- 4 Doherty
- 5 Sibbo A
- 6 Sibbo B
- 7 Fratemies
- 8 Morewood
- 9 Warner
- 11 Porter-Hamersching
- 12 Baker
- 13 5017 Forbes Ave
- 14 Reserved Visitor
- 15 U.S. Bureau of Mines (lower)
- 16 U.S. Bureau of Mines (upper)
- 17 Clyde Street
- 18 Clyde Street Garage
- UM Metered Lots

Academic/Administrative Buildings

- 1 Doherty Hall
- 2 Wean Hall
- 3 Hamersching Hall
- 4 Seattle Hall
- 5 Porter Hall
- 6 Baker Hall
- 7 Hunt Library
- 8 College of Fine Arts
- 9 Studio Theatre
- 10 Graduate School of Industrial Administration
- 11 Gymnasium
- 12 Margaret Morrison Carnegie Hall
- 13 Sibbo
- 14 5017 Forbes Avenue
- 15 Brainer House
- 16 Warner Hall
- 17 University Computing Center
- 18 U.S. Bureau of Mines Building A
- 19 U.S. Bureau of Mines Building B
- 20 U.S. Bureau of Mines Building C
- 21 U.S. Bureau of Mines Building D
- 22 U.S. Bureau of Mines Building E
- 23 U.S. Bureau of Mines Building F
- 24 U.S. Bureau of Mines Building G
- 25 Mellon Institute
- 26 Software Engineering Institute
- 27 College Club
- 28 Shady Side Place

Residence Buildings

- 1 Donner Hall
- 2 Tooth House
- 3 Scobell Hall
- 4 Welch Hall
- 5 Henderson Hall
- 6 Boss Hall
- 7 McGill Hall
- 8 Hamersching House
- 9 Margaret Morrison Sorority Houses
Margaret Morrison Plaza (street level)
- 10 Margaret Morrison Apartments
- 11 Pleasant Terrace
- 12 Spirit House
- 13 Woodlawn Apartments
- 14 Doherty Apartments
- 15 Fraternity Quadrangle
- 16 Morewood Gardens
- 17 Mudge House
- 18 Shirley Apartments
- 19 630 Clyde Street
- 20 Hampshire Hall
- 21 Tudor Hall
- 22 Carol Apartments
- 23 Devon Tower Apartments

Source: Faculty/Staff Directory, 1986-87

DEFINITIONS

DEFINITIONS

I. COLLEGE AND DEPARTMENT LISTING

<u>College</u>	<u>Department/Unit</u>	<u>Abbreviation</u>	<u>Notes</u>
CARNEGIE INSTITUTE OF TECHNOLOGY		CIT	Undergraduate and Graduate college.
	Biomedical Engineering	Biomedical E.	
	Chemical Engineering	Chemical E.	
	Civil Engineering	Civil E.	
	Electrical and Computer Engineering	E & C E.	
	Engineering and Public Policy	E. & P. P.	
	Manufacturing Engineering	Mfg. E.	
	Mechanical Engineering	Mechanical E.	
	Metallurgical Engineering and Materials Science	MEMS	
ADDITIONAL UNITS:			
	Nuclear Engineering	Nuclear E.	This is no longer a department, but students continue to graduate from the program.
	No Major Department	No Major Dept.	Students do not declare majors until their sophomore year.
	Interdisciplinary	Interdiscp.	Interdisciplinary units jointly taught among departments.
	Dean's Office	Dean's Ofc.	Some faculty with administrative responsibility are located in the the Dean's office.
	Engineering Design Research Center	EDRC	Research Center
COLLEGE OF FINE ARTS CFA			Undergraduate and graduate college.
	Architecture		
	Art		
	Design		
	Drama		
	Music		
ADDITIONAL UNITS:			
	Interdisciplinary	Interdiscp.	Interdisciplinary units jointly taught among departments.
	Dean's Office	Dean's Ofc.	Some faculty with administrative responsibility are located in the Dean's office.
	Pre-College Music	Pre-Col. Mus.	Year-round program for pre-college music students and CMU students who are not music majors.
COLLEGE OF HUMANITIES AND SOCIAL SCIENCES			Undergraduate and graduate college.
	English		
	History		
	Philosophy		
	Psychology		
	Social and Decision Sciences	S & D S.	
	Statistics		
ADDITIONAL UNITS:			
	Economics		The student major Economics is housed in H&SS.
	Industrial Management in H&SS	IM - H&SS	Some freshmen and sophomores take the H&SS core before being accepted into the IM major.
	Modern Languages	Mod. Lang.	Modern Languages is a division of History, but the courses are evaluated separately.

Student Defined Major	Stud. Defined	Some students in H&SS define individualized interdisciplinary majors.
No Major Department Dean's Office	No Major Dept. Dean's Ofc.	Students do not declare majors until their junior year. Some faculty with administrative responsibility are located in the the Dean's office.
Academic Advisory Center	Acad. Adv. C.	Center for Undergraduate Advisement

MELLON COLLEGE OF SCIENCE MCS

Undergraduate and graduate college.

Biological Sciences	Biology
Chemistry	
Mathematics	Math
Physics	

ADDITIONAL UNITS

No Major Department	No Major Dept.	Students do not declare majors until their sophomore year.
Dean's Office	Dean's Ofc.	Some faculty with administrative responsibility are located in the Dean's office.
Interdisciplinary	Interdiscp.	Interdisciplinary units jointly taught among departments.

Industrial Management	IM	IM is an unaffiliated undergraduate major.
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Economics	ECON.	Economics courses are taught primarily by faculty in GSIA, and it is evaluated as an independent department.
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Computer Science	CS	Computer Science is an unaffiliated graduate department.
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GRADUATE SCHOOL OF INDUSTRIAL ADMINISTRATION GSIA

Graduate College.

Economics		Most Economics courses are taught by GSIA faculty. Most IM courses are taught by GSIA faculty.
Industrial Management	IM	

SCHOOL OF URBAN AND PUBLIC AFFAIRS SUPA

Graduate College.

Physical Education	PHYS. ED.
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Air Force ROTC/Aerospace Technology	AF ROTC
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Army ROTC/Military Science	ARMY ROTC
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RESEARCH INSTITUTES

Information Technology Center	ITC
Mellon Institute	MIR
Robotics Institute	Robotics
Software Engineering Institute	SEI
Western Pennsylvania Advanced Technology Center	WPATC

Administration	ADMIN
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NOTE:

The category of non-degree students is often listed as a Department in tables showing student enrollment because these students are not affiliated with any Department.

II. TIME PERIODS

Fall Semester	Data as of the Mid-Semester point of the Fall Semester.
Academic Year	Data is the addition of Fall and Spring Semester totals.
Fiscal Year	Data for the period of July 1 to June 30 of the indicated year.

III. DEFINITIONS OF TERMS USED IN TABLES

STUDENTS

FRESHMEN

Applied	Individuals who completed the Admissions process.
Admitted	Applicants who were admitted to CMU.
Net Paid Deposit	Applicants who notified CMU of their intention to attend; all but a few actually enroll.
Yield	Net Paid Deposit as a percent of Admitted freshmen.

ENROLLMENT

Students by Level	Undergraduate	Freshman, Sophomore, Junior, Senior
	Graduate	Not differentiated by progress toward a Master's or Doctoral degree.
	Non-Degree	Special students who are not enrolled in a degree program.
Headcount	Each student, full or part time, is counted once.	
Full-Time Equivalent (FTE)	Each full-time student is counted once; part-time students are counted based on the percentage of full-time tuition paid to cover their current courses.	
Sex	M	Male
	F	Female

REGION College Entrance Examination regional breakdown.

DEGREES

Bachelors	B.A., B.S., B.E., BFA, BARC
Masters	M.A., M.S., M.E., MFA, MARC
Doctorates	Ph.D., D.A.

All degrees are show by the Department from which they were earned, rather than the particular program or emphasis listed on the individual's degree. All degree programs are listed in the front of this booklet.

HOUSING TYPE

University Housing	On-Campus	CMU owned dormitories physically located on the campus.
	Off-Campus	CMU controlled off-campus housing.
	Fraternity/Sorority	Fraternity or Sorority controlled housing.
Non-University Housing	All other student residence arrangements.	

DEPARTMENTS

UNITS

A student at CMU earns a specified number of units for each course taken at the University. Three (3) units are generally the equivalent of one (1) credit hour. The number of units taught by a department is calculated by multiplying the number of students in each of the courses offered by that department by the number of units associated each course.

OTHER Units taught to Non-Degree students and students from other colleges attending CMU through the Pennsylvania Council of Higher Education (PCHE) agreement.

FACULTY COURSE EVALUATIONS (FCE)

Faculty course evaluations are administered once a semester to students in courses designated for evaluation by the departments.

The rating scale is:	1	Poor
	2	Fair
	3	Average
	4	Good
	5	Excellent

The two questions summarized in the table are:

Overall Instructor: Overall, how would you rate this instructor's teaching?

Overall Course: What was the overall quality of this course?

FCE ratings for the Year are the fall and spring semester ratings weighted by responses.

FACULTY

Total Faculty includes three categories of faculty members. They are as follows:

Regular Faculty	Regular faculty are comprised of four ranks of permanent faculty members (subject to the rules of the tenure process): Professor, Associate Professor, Assistant Professor, and Instructor. Professors and some Associate Professors are tenured; the rest of the Associate Professors and Assistant Professors are eligible for tenure, or in the Tenure Stream; and Instructors are eligible for promotion into the tenure stream.
Special Faculty	Special faculty encompasses several ranks of temporary, instructional faculty, including active Faculty Emeritus, Instructional Staff, Adjunct faculty and Lecturers.
Research Faculty	Research faculty encompasses several ranks of faculty-equivalent research positions, including Scientists and Post-Doctoral Associates. All Visiting Faculty are excluded.
Method of counting:	Many Regular Faculty have joint appointments in one or more departments, and are split between these appointments accordingly. Special and Research Faculty are counted in the department in which they have their primary instructional or research appointment.

ALUMNI

Includes all living persons who attended the university as degree candidates.

FINANCES

TUITION AND FEES

Undergraduate Tuition	Tuition charged to full-time undergraduate students. This is established at the university level.
Graduate Tuition	Tuition charged to full-time graduate students. This is established by each college.
Average Room	The annual charge for a standard double room. Other options for university housing include: Standard and Prime rooms for one, two, three or four students, and several apartment, townhouse or separate house alternatives.
Average Board	The annual charge for a 19 meal per week plan. Other options include 15, 10 and 5 meals per week.

UNDERGRADUATE FINANCIAL AID RESOURCES

Federal Aid	PELL	Federal entitlement grant program.
	SEOG	Supplemental Education Opportunity Grant.
State Aid	PHEAA	Pennsylvania Higher Education Assistance Agency.
CMU E&GO		Aid provided from Carnegie Mellon Educational and General Operating Expenses.
CMU Endowed		Aid provided from income from the Carnegie Mellon University Endowment Fund.
Other Grant Resources		Aid from all other sources, primarily scholarships and gifts.

EDUCATION AND GENERAL OPERATING (E&GO) INCOME, EXPENDITURES AND TRANSFERS

E&GO BUDGET The E&GO budget allocates unrestricted income in the Current Fund to support the basic educational and administrative functions of the university. Operating costs not included in the E&GO are covered primarily by restricted funds received either as direct support for sponsored research, or as gifts or grants for particular (restricted) purposes. Certain activities of the University have been "designated" as management centers, and, therefore, are not included in the E&GO. Management centers include: Auxiliary Services, Mellon Institute of Research, Summer School and Executive Education Programs, GSIA and SUPA.

INCOME

Endowment Income	Unrestricted income derived from endowment investments
Other Investments	Earnings derived from Current Fund balances.
Research Overhead	The amount charged to research sponsors to reimburse the university for the indirect costs of administering and housing the research program.
Tuition & Fees	Payments made by undergraduate, graduate and special students in accordance with University tuition and fee schedules.
Unrestricted Gifts	Gifts given to the University which are not restricted to a specific purpose by the donor.
Misc. Income	Includes: interest on operating funds and reserve holding interest or University internal loans and miscellaneous charges.

EXPENDITURES

Academic Support	Includes: the Libraries and Audio Visual Aids, and Computing and Info Services.
Administrative	Expenses supporting administrative units.
Instruction & Dept Research	Expenditures supporting the academic programs and operations in the colleges.
Institutional Exp	Includes: insurance, legal and investment agent fees.
Oper & Maint of Plant	Operation and Maintenance of Plant.
Student Services	Includes: Enrollment Planning, Athletics and Student Affairs.
Total Transfers	Includes: transfers to capital, debt service, management centers, college reserves.
UG Financial Aid	Unrestricted aid supporting undergraduates.

RESEARCH COSTS

Other	Includes: Hunt Institute for Botanical Documentation, Center for the Design of Educational Computing, Carnegie Mellon Action Program, Upward Bound, Office of the Provost, Office of the Senior Vice President for Academic Affairs, Pittsburgh Supercomputing Center, and the Center for the Study of Materials.
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VOLUNTARY SUPPORT

Voluntary Support	Contributions supporting the University, excluding: income from endowment and other invested funds, and support from federal, state and local governments and their agencies.
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SPACE

Building Support Circulation, Mechanical, Rest Rooms, etc. space.

Rental Space is not available by Use Category, and Building Support is included in the total.

Research Rental Space included space rented for the SEI and MI.