



AIP

report

MANPOWER STATISTICS DIVISION

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DATA ON PHYSICS ENROLLMENTS AND DEGREES a SUPPLEMENT

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SUPPLEMENT

The detailed data from the annual Survey of Enrollments and Degrees are presented in this supplement. The 1981-82 physics degrees and the 1982-83 physics enrollments are listed for each physics degree-granting college or university in the United States. Institutions are listed alphabetically by state. The data shown for each institution consist of undergraduate physics majors, full-time and part-time graduate students, first-year graduate students included in that total, and physics degrees granted at all levels. All freshman and sophomore enrollments are estimated by the department chairmen. Numbers shown in brackets are estimates based on data supplied by that institution in an earlier year.

* Institution grants master's degree as its highest physics degree.

** Institution grants doctorate as its highest physics degree.

1 No undergraduate degree program in physics

2 Graduate degree program in physics discontinued

3 Changed to physics master's degree program

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1982-83
PHYSICS ENROLLMENTS1981-82
PHYSICS DEGREES

Institution	Undergraduate physics majors				Graduate students f-time & p-time	1st yr.	Bach.	MS	TMS	PhD
	Fresh- men	Sopho- mores	Jr's	Sr's						
<u>ALABAMA</u>										
*AL A & M U.	4	14	8	4	15	8	4	-	0	
AL State U.	1	1	2	1			0			
**AL-U.of-Birmingham	5	3	3	7	10	0	3	2	0	1
**AL-U.of-Huntsville	10	10	6	10	35	8	4	5	2	0
**AL-U.of-University	10	5	5	5	10	3	3	1	0	0
**Auburn U.	14	10	17	17	16	6	11	-	3	3
Birmingham-Southern Col.	2	1	1	5			2			
Jacksonville State U.	2	4	3	4			1			
North AL-U.of	3	2	2	3			7			
Samford U.	3	1	1	1			0			
South AL-U.of	2	4	3	0			1			
Stillman Col.	5	5	3	2			1			
Talladega Col.	16	10	3	1			6			
Tuskegee Institute	3	7	7	5			7			
<u>ALASKA</u>										
**AK-U.of	6	5	5	0	21	5	3	-	2	1
<u>ARIZONA</u>										
**AZ State U.	12	16	21	26	55	15	13	1	1	3
**AZ-U.of	26	44	40	42	68	18	13	7	1	5
Northern AZ U.	10	10	10	10			7			
<u>ARKANSAS</u>										
AR State U.	6	5	3	4			7			
**AR-U.of-Fayetteville	11	7	5	15	31	7	8	1	2	2
AR-U.of-Little Rock	4	8	8	9			5			
AR-U.of-Monticello	1	2	5	4			2			
Central AR-U.of	9	5	5	3			3			
Harding U.	2	2	0	2			2			
Henderson State U.	6	5	4	3			3			
Hendrix Col.	(8)	(8)	(3)	(2)			(3)			
Ouachita Baptist U.	4	4	3	6			5			
Southern AR U.	5	2	4	0			2			
<u>CALIFORNIA</u>										
**CA Institute of Tech.	40	44	45	32	128	31	22	0	11	14
CA Polytechnic State U.	22	16	21	23			7			
CA State Col.-Bakersfield	4	5	4	0			2			
CA State Col.-San Bernardino	3	4	4	2			1			
2 CA State Col.-Stanislaus	10	10	12	5			3			
CA State Poly U.-Pomona	25	15	18	17			7			
CA State U.-Chico	8	5	5	5			2			
CA State U.-Dominguez Hills	8	8	5	4			4			
*CA State U.-Fresno	12	8	11	7	13	3	9	1	1	

1982-83
PHYSICS ENROLLMENTS1981-82
PHYSICS DEGREES

Institution	Undergraduate physics majors				Graduate students f-time & p-time	1st yr.	1981-82 PHYSICS DEGREES			
	Fresh-men	Sopho-mores	Jr's	Sr's			Bach.	MS	TMS	PhD
<u>CALIFORNIA (cont'd)</u>										
CA State U.-Fullerton	11	10	14	17			12			
CA State U.-Hayward	8	6	10	24			10			
*CA State U.-Long Beach	25	5	20	4	24	19	12	5	5	
*CA State U.-Los Angeles	6	8	14	7	20	2	7	2	-	
*CA State U.-Northridge	26	20	46	45	25	8	14	-	6	
CA State U.-Sacramento	10	9	11	5			3			
**CA-U.of-Berkeley	100	100	90	78	253	21	94	35	4	31
**CA-U.of-Davis (Physics)	46	56	48	19	46	10	14	4	3	4
1**CA-U.of-Davis (Applied)	-	-	-	-	57	11	-	11	2	7
**CA-U.of-Irvine	80	50	61	46	65	18	23	7	0	4
**CA-U.of-Los Angeles	69	50	73	19	181	46	38	23	16	8
**CA-U.of-Riverside	12	12	22	5	50	13	14	5	2	5
**CA-U.of-San Diego	73	44	49	45	107	29	27	11	2	16
**CA-U.of-Santa Barbara	51	30	33	24	102	43	21	7	9	5
**CA-U.of-Santa Cruz	40	40	20	42	26	7	23	0	0	2
Claremont McKenna, Pitzer & Scripps Colls.	5	4	3	1			1			
Harvey Mudd Col.	16	31	18	25			23			
Humboldt State U.	13	9	7	15			2			
La Verne U. of	2	1	1	1			4			
Loma Linda U.	2	5	4	5			1			
Loyola Marymount U.	2	0	2	1			4			
1**Naval Postgraduate School	-	-	-	-	47	23	-	-	17	1
Occidental Col.	50	19	12	13			16			
Pacific Union Col.	10	5	3	7			8			
*Pacific-U.of	2	2	2	1	4	4	0	-	0	
Point Loma Col.	12	3	3	6			5			
Pomona Col.	21	17	19	11			6			
Redlands-U.of	5	4	4	1			1			
*San Diego State U.	12	10	30	17	27	7	16	2	2	
San Diego-U.of	3	3	0	1			0			
*San Francisco State U.	7	5	11	23	10	2	4	0	2	
San Francisco-U.of	5	5	4	4			5			
*San Jose State U.	22	11	41	36	17	11	12	-	3	
Santa Clara-U.of	8	8	9	13			10			
Sonoma State U.	5	13	22	34			11			
**Southern CA-U.of	15	15	12	8	46	16	5	4	3	3
**Stanford U. (Physics)	30	10	25	15	123	23	26	9	-	14
1**Stanford U. (Applied)	-	-	-	-	132	27	-	15	2	8
Whittier Col.	4	2	1	1			2			
<u>COLORADO</u>										
CO Col.	7	7	5	6			4			
*CO School of Mines	16	17	16	20	20	10	15	1	2	
**CO State U.	57	53	25	33	40	9	6	2	7	4
**CO-U.of-Boulder	150	150	64	78	108	23	43	13	7	10

1982-83
PHYSICS ENROLLMENTS

1981-82
PHYSICS DEGREES

Institution	Undergraduate physics majors				Graduate students f-time & p-time	1st yr.	Bach.	MS	TMS	PhD
	Fresh-men	Sopho-mores	Jr's	Sr's						
<u>COLORADO (cont'd)</u>										
CO-U.of-Denver	6	12	4	15			2			
**Denver-U.of Metropolitan State Col.	12	9	6	3	18	2	6	1	2	2
*Northern CO-U.of Regis Col.	4	3	6	6	1	0	2	0	0	
Southern CO-U.of U.S. Air Force Academy	(2)	(2)	(1)	(3)			(3)			
Western State Col. of CO	7	7	9	8			4			
	30	30	20	28			24			
	6	6	0	6			4			
<u>CONNECTICUT</u>										
*Bridgeport-U.of	3	5	3	3	7	2	4	-	3	
*Central CT State Col. CT Col.	2	2	2	3	1	1	1	-	0	
**CT-U.of Fairfield U.	4	3	2	0			3			
Hartford-U.of	20	25	17	11	68	11	9	-	3	2
New Haven-U.of	5	4	7	3			4			
Southern CT State Col.	3	2	3	2			0			
Trinity Col.	(2)	(2)	(1)	(1)			(1)			
**Wesleyan U.	20	15	8	4			2			
**Yale U.	(4)	(4)	5	5			1			
	15	15	10	7	7	2	8	-	1	3
	32	30	24	23	106	24	25	24	1	10
<u>DELAWARE</u>										
DE State Col.	(7)	(7)	(5)	(4)			(3)			
**DE-U.of	45	20	22	13	44	8	5	-	4	8
<u>DISTRICT OF COLUMBIA</u>										
**American U.	4	2	3	2	20	2	3	7	1	4
**Catholic U. DC-U.of	4	4	4	3	37	10	3	2	2	9
Gallaudet Col.	20	15	5	1			1			
**George Washington U.	0	2	2	3			2			
**Georgetown U.	4	2	5	6	4	1	2	0	0	0
**Howard U.	15	12	10	7	32	11	9	5	1	4
	9	6	4	1	23	3	2	1	1	1
<u>FLORIDA</u>										
Central FL-U.of	12	12	12	5			9			
FL A & M U.	4	4	5	7			2			
*FL Atlantic U.	0	0	9	2	9	1	3	1	0	
*FL Institute of Tech.	(8)	(8)	4	3	7	4	4	2	1	
*FL International U.	3	3	3	4	1	0	3	-	0	
**FL State U.	16	24	30	15	53	16	15	3	4	3
**FL-U.of Jacksonville U.	30	25	52	35	56	12	7	1	4	1
**Miami-U.of	4	5	25	10			28			
	5	8	7	5	15	4	8	2	0	1

1982-83
PHYSICS ENROLLMENTS

1981-82
PHYSICS DEGREES

Institution	Undergraduate physics majors				Graduate students f-time & p-time	1st yr.	1981-82 PHYSICS DEGREES			
	Fresh-men	Sopho-mores	Jr's	Sr's			Total	Bach.	MS	TMS
<u>FLORIDA (cont'd)</u>										
New Col. of U. of South FL	5	3	3	2			1			
Rollins Col.	6	3	3	4			3			
*South FL-U.of	10	8	14	13	11	2	8	0	3	
Stetson U.	4	5	3	5			0			
West FL-U.of	0	0	10	10			6			
<u>GEORGIA</u>										
Agnes Scott Col.	2	2	2	0			1			
1*Atlanta U.	-	-	-	-	11	2	-	0	0	
Augusta Col.	5	4	3	2			5			
Berry Col.	1	1	1	2			1			
Clark Col.	10	15	14	12			4			
**Emory U.	4	(5)	15	8	8	1	8	0	0	1
**GA Institute of Tech.	25	24	37	64	58	14	45	5	15	8
GA Southern Col.	(5)	(5)	(2)	(4)			(3)			
*GA State U.	8	12	10	7	18	7	4	0	3	
**GA-U.of	(10)	(8)	4	4	27	7	3	1	1	3
Mercer U.	1	3	3	5			2			
Morehouse Col.	10	8	10	8			4			
North GA Col.	17	15	2	10			6			
Valdosta State Col.	6	6	5	5			4			
West GA Col.	35	15	7	5			5			
<u>HAWAII</u>										
HI-U.of-Hilo	(2)	(1)	(1)	(1)			(0)			
**HI-U.of-Honolulu	2	10	14	17	22	4	4	1	1	1
<u>IDAHO</u>										
Boise State U.	5	8	3	7			3			
*ID State U.	3	4	2	4	10	6	3	-	0	
**ID-U.of	8	7	8	10	8	1	7	0	1	1
Northwest Nazarene Col.	6	8	12	6			5			
<u>ILLINOIS</u>										
Augustana Col.	12	10	7	11			12			
Bradley U.	6	3	3	2			0			
**Chicago-U.of	(50)	37	24	20	127	24	19	8	2	23
*De Paul U.	10	1	11	5	9	4	3	0	1	
Eastern IL U.	5	4	9	3			5			
Elmhurst Col.	10	2	8	7			4			
Eureka Col.	(3)	(3)	(2)	(2)			(2)			
Greenville Col.	(3)	(3)	(2)	(3)			(1)			
IL Benedictine Col.	3	4	6	3			3			
IL Col.	0	0	0	1			2			
**IL Institute of Tech.	13	10	30	7	22	7	2	0	1	2

1982-83
PHYSICS ENROLLMENTS

1981-82
PHYSICS DEGREES

Institution	Undergraduate physics majors				Graduate students f-time & p-time	1st yr.	1981-82 PHYSICS DEGREES			
	Fresh-men	Sopho-mores	Jr's	Sr's			Bach.	MS	TMS	PhD
<u>ILLINOIS (cont'd)</u>										
IL State U.	30	20	24	11			8			
**IL-U.of-Chicago Circle	17	16	7	15	71	26	8	4	4	4
**IL-U.of-Urbana	70	45	49	57	277	43	31	48	18	36
IL Wesleyan U.	10	4	3	1			4			
Knox Col.	(4)	(4)	(5)	(3)			(4)			
Lake Forest Col.	4	4	5	4			2			
Lewis U.	5	1	2	3			1			
Loyola U. of Chicago	29	15	7	11			8			
Mac Murray Col.	1	1	1	2			0			
Millikin U.	2	0	2	0			0			
Monmouth Col.	10	2	3	2			3			
North Central Col.	2	2	2	2			1			
North Park Col.	0	0	0	2			1			
*Northeastern IL U.	(8)	(7)	(6)	(8)	(15)	(6)	(6)	-	(4)	
*Northern IL U.	45	40	15	15	20	7	11	-	6	
**Northwestern U.	24	14	13	16	32	13	5	5	3	7
Olivet Nazarene	6	6	2	0			0			
Principia Col.	8	0	3	2			2			
Roosevelt U.	(3)	(3)	(2)	(4)			(4)			
*Southern IL U.-Carbondale	9	8	9	21	30	14	8	-	4	
*Southern IL U.-Edwardsville	5	10	7	7	6	4	3	-	4	
*Western IL U.	5	4	2	5	5	4	3	-	2	
Wheaton Col.	20	8	5	1			6			
<u>INDIANA</u>										
Anderson Col.	3	3	2	2			0			
*Ball State U.	3	10	8	4	9	3	6	-	2	
Butler U.	8	7	4	8			2			
DePauw U.	6	2	5	4			2			
Earlham Col.	10	8	4	4			4			
Evansville-U.of	3	3	2	1			3			
Franklin Col. of IN	2	1	3	1			0			
Goshen Col.	5	3	3	5			1			
Grace Col.	0	4	2	2			2			
Hanover Col.	3	3	3	2			1			
IN Central U.	(6)	(4)	(2)	(2)			(1)			
*IN State U.	11	8	4	8	7	3	8	3	5	
**IN U.-Bloomington	20	22	17	22	66	14	19	19	9	8
IN U.-South Bend	5	4	3	3			3			
IN U.-Purdue U.-Fort Wayne	12	1	3	0			1			
IN U.-Purdue U.-Indianapolis	4	3	1	1			2			
Manchester Col.	2	2	2	0			1			
**Notre Dame-U.of	16	15	12	13	49	9	16	0	0	4
Purdue U.-Calumet Cps.	(5)	(5)	(3)	(2)			(1)			
**Purdue U.-W.Lafayette	36	35	30	26	156	40	32	9	6	7
Rose-Hulman Inst.of Tech.	6	13	4	5			6			

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PHYSICS ENROLLMENTS1981-82
PHYSICS DEGREES

Institution	Undergraduate physics majors				Graduate students f-time & p-time		1st yr.	Bach.	MS	TMS	PhD
	Fresh-men	Sopho-mores	Jr's	Sr's	Total						
<u>INDIANA (cont'd)</u>											
Taylor U.	1	5	1	4				2			
Valparaiso U.	12	7	8	12				5			
Wabash Col.	9	5	3	2				3			
<u>IOWA</u>											
Central Col.	6	2	0	3				3			
Coe Col.	5	5	(2)	(6)				2			
Cornell Col.	3	1	3	0				3			
Dordt Col.	(1)	(1)	(0)	(0)				(2)			
*Drake U.	10	7	7	3	3	3		2	-	0	
Dubuque-U.of	0	0	0	0				0			
Grinnell Col.	10	14	9	12				5			
**IA State U.	23	21	19	25	87	24		20	0	5	6
**IA-U.of	18	16	18	15	37	4		4	4	-	2
Loras Col.	3	4	6	3				0			
Luther Col.	19	11	6	7				9			
Maharishi International U.	(12)	(10)	(4)	(7)				(2)			
Morningside Col.	3	3	2	2				1			
*Northern IA-U.of	8	7	14	11	3	1		3	0	0	
St. Ambrose Col.	0	2	1	2				1			
Wartburg Col.	2	2	1	3				0			
<u>KANSAS</u>											
Baker U.	(1)	(1)	(1)	(1)				(1)			
Benedictine Col.	4	4	3	1				3			
Bethel Col.	(6)	(6)	(5)	(3)				(2)			
*Emporia State U.	4	5	8	1	2	2		4	-	2	
Fort Hays State U.	8	6	6	2				2			
**KS State U.	10	8	8	11	24	10		7	1	2	2
**KS-U.of	14	18	16	7	40	6		12	4	2	4
KS Wesleyan U.	(2)	(2)	(1)	(0)				(1)			
Mid-America Nazarene Col.	4	4	3	3				0			
*Pittsburg State U.	18	10	4	6	4	1		5	-	2	
Washburn U.	5	2	2	0				1			
*Wichita State U.	3	3	3	2	11	4		2	2	2	
<u>KENTUCKY</u>											
Berea Col.	6	6	6	3				2			
Centre Col. of KY	8	6	7	3				3			
*Eastern KY U.	9	9	10	3	0	0		3	0	0	
Georgetown Col.	2	2	1	2				1			
**KY-U. of	29	14	17	12	30	16		11	-	-	2
KY Wesleyan Col.	2	0	2	3				0			
*Louisville-U.of	6	6	4	3	6	3		3	3	-	1
Morehead State U.	4	2	3	1				2			

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PHYSICS ENROLLMENTS1981-82
PHYSICS DEGREES

Institution	Undergraduate physics majors				Graduate students f-time & p-time	1st yr.	1981-82 PHYSICS DEGREES			
	Fresh-men	Sopho-mores	Jr's	Sr's			Total	Bach.	MS	TMS
<u>KENTUCKY (cont'd)</u>										
*Murray State U.	65	63	45	40	12	7	26	-	3	
Northern KY U.	4	3	1	4			3			
Thomas More Col.	17	9	6	10			9			
Transylvania U.	(3)	(3)	(1)	(1)			(1)			
2 Western KY U.	25	11	10	8	1	0	4			
<u>LOUISIANA</u>										
Centenary Col.	12	12	(4)	1			2			
Dillard U.	8	10	6	3			5			
Grambling State U.	10	6	5	3			5			
**LA State U.-Baton Rouge	15	7	8	10	46	16	4	17	0	9
LA State U.-Shreveport	10	5	3	0			1			
*LA Tech U.	4	4	4	4	5	2	4	-	1	
Loyola U.	17	19	7	10			3			
Mc Neese State U.	(3)	(2)	(1)	(1)			(1)			
*New Orleans-U.of	16	8	7	6	25	5	3	-	3	
*Northeast LA U.	3	3	4	1	7	4	0	0	0	
2 Northwestern State U.	2	2	1	1			0			
Southeastern LA U.	2	2	2	4			1			
Southern U.-Baton Rouge	10	8	2	2			5			
Southern U.-New Orleans	(2)	(0)	(2)	(3)			(1)			
*Southwestern LA-U.of	6	4	3	3	4	3	5	1	0	
**Tulane U.	9	9	8	7	11	2	8	-	3	1
Xavier U. of LA	1	2	1	4			3			
<u>MAINE</u>										
Bates Col.	6	8	10	17			9			
Bowdoin Col.	10	10	15	12			7			
Colby Col.	8	8	7	8			5			
3*ME-U.of	18	27	30	14	18	2	13	0	2	
<u>MARYLAND</u>										
Frostburg State Col.	4	4	2	3			2			
**Johns Hopkins U.	12	10	9	10	68	16	10	10	1	8
Loyola Col.	6	4	3	3			2			
MD-U.of-Baltimore County	3	5	3	9			0			
**MD-U.of-College Park	48	30	35	12	194	43	24	14	4	14
Morgan State U.	(15)	(15)	10	9			8			
Notre Dame of MD-Col.of	3	1	1	0			0			
Towson State U.	25	29	20	9			4			
U.S. Naval Academy	44	31	29	28			23			
Washington Col.	2	2	2	0			2			
Western MD Col.	5	4	2	0			1			

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PHYSICS ENROLLMENTS1981-82
PHYSICS DEGREES

Institution	Undergraduate physics majors				Graduate students f-time & p-time	1st yr.	1981-82 PHYSICS DEGREES			
	Fresh-men	Sopho-mores	Jr's	Sr's			Bach.	MS	TMS	PhD
<u>MASSACHUSETTS</u>										
Amherst Col.	(15)	(15)	12	13			13			
**Boston Col.	14	10	9	7	28	8	14	2	1	3
**Boston U.	20	14	12	10	55	12	6	2	4	7
**Brandeis U.	15	8	11	13	50	10	4	3	-	2
Bridgewater State Col.	2	4	5	4			3			
**Clark U.	5	7	7	2	9	2	8	0	0	0
Curry Col.	2	2	2	0			1			
Eastern Nazarene Col.	4	7	5	3			4			
Gordon Col.	7	5	4	5			2			
Hampshire Col.	(3)	(3)	4	3			2			
**Harvard U.-incl.Radcliffe	66	66	57	52	106	28	47	11	2	12
**Harvard U.-(Applied)	70	68	61	48	147	28	44	21	8	21
Holy Cross-Col.of the	11	12	14	6			16			
**Lowell-U.of	17	25	16	14	37	7	5	1	2	3
**MIT	65	62	92	74	294	55	81	2	13	43
**MA-U.of-Amherst	15	15	9	24	43	12	23	4	3	5
*MA-U.of-Boston-incl.Boston State Col.	10	10	10	14	52	8	10	8	0	
Mount Holyoke Col.	5	5	8	9			5			
North Adams State Col.	4	(5)	5	4			4			
**Northeastern U.	12	8	6	3	85	30	8	3	0	3
Smith Col.	5	4	3	2			8			
*Southeastern MA U.	(8)	(8)	(6)	(5)	(5)	(3)	(4)	-	(1)	
Suffolk U.	(2)	(2)	(6)	(2)			(1)			
**Tufts U.	10	10	8	15	20	9	17	5	2	3
Wellesley Col.	(5)	(5)	4	10			6			
Wheaton Col.	3	3	2	2			3			
Williams Col.	20	16	10	16			4			
**Worcester Polytech.Inst.	23	12	10	11	6	1	7	-	2	0
Worcester State Col.	(4)	(4)	(3)	(3)			(2)			
<u>MICHIGAN</u>										
Adrian Col.	0	0	1	0			0			
Albion Col.	20	12	6	10			8			
Alma Col.	5	4	3	4			3			
*Andrews U.	6	4	2	4	5	5	2	-	0	
Calvin Col.	7	7	4	4			5			
*Central MI U.	4	4	2	4	6	1	5	0	0	
*Eastern MI U.	(4)	(4)	(3)	(6)	(12)	(6)	(6)	(1)	(1)	
Grand Valley State Col.	5	3	8	5			2			
Hillsdale Col.	3	1	2	1			1			
Hope Col.	(20)	(25)	12	17			13			
Kalamazoo Col.	12	12	10	12			16			
Lawrence Institute of Tech.	10	5	6	4			1			
**MI State U.	17	22	50	23	93	24	8	7	4	9

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Institution	Undergraduate physics majors				Graduate students f-time & p-time	1st yr.	1981-82 PHYSICS DEGREES			
	Freshmen	Sophomores	Jr's	Sr's			Total	Bach.	MS	TMS
<u>MICHIGAN (cont'd)</u>										
*MI Technological U.	31	25	19	13	0	0	4	-	0	
**MI-U.of-Ann Arbor	30	30	30	30	118	33	14	10	3	5
MI-U.of-Dearborn	10	10	4	3			5			
MI-U.of-Flint	2	4	4	2			3			
Northern MI U.	5	5	4	3			1			
*Oakland U.	15	15	9	11	16	7	8	-	2	
*Saginaw Valley State Col.	4	4	4	6	1	1	2	1	0	
Spring Arbor Col.	2	2	2	2			2			
**Wayne State U.	10	9	11	12	48	15	7	1	3	3
*Western MI U.	15	9	10	13	17	4	2	-	3	
<u>MINNESOTA</u>										
Augsburg Col.	4	6	5	2			9			
Bemidji State U.	15	10	10	7			7			
Bethel Col.	5	2	1	4			2			
Carleton Col.	10	20	24	30			15			
Concordia Col.	(5)	(5)	(4)	(2)			(2)			
Gustavus Adolphus Col.	25	15	6	5			5			
Hamline U.	25	23	20	5			5			
Macalester Col.	10	4	7	1			9			
*Mankato State U.	10	10	12	10	8	5	3	-	2	
*MN-U.of-Duluth	11	2	7	6	5	3	4	-	1	
**MN-U.of-Minneapolis	50	20	29	26	116	35	23	1	4	10
MN-U.of-Morris	(6)	(6)	2	4			2			
Moorhead State U.	(2)	(2)	(2)	(1)			(0)			
St. Catherine-Col.of	2	1	0	0			0			
St. Cloud State U.	5	5	5	8			5			
St. John's U.	34	12	8	7			4			
St. Mary's Col.	5	1	3	2			2			
St. Olaf Col.	30	25	19	19			8			
St. Thomas-Col.of	(3)	(4)	1	1			3			
Southwest State U.	2	2	3	0			2			
Winona State U.	3	3	3	0			2			
<u>MISSISSIPPI</u>										
Jackson State U.	6	6	5	3			4			
Millsaps Col.	2	2	2	0			1			
MS Col.	2	2	3	0			3			
3*MS State U.	6	3	2	6	7	2	3	-	1	
**MS-U.of	5	5	5	3	20	9	3	4	1	0
MS Valley State U.	(2)	(0)	(3)	(1)			(2)			
Rust Col.	(1)	(1)	(1)	(2)			(1)			
*Southern MS-U.of	5	5	0	4	6	4	3	-	2	
Tougaloo Col.	(4)	(4)	(4)	(4)			(3)			

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Institution	Undergraduate physics majors				Graduate students f-time & p-time	1st yr.	1981-82 PHYSICS DEGREES			
	Fresh- men	Sopho- mores	Jr's	Sr's			Total	Bach.	MS	TMS
<u>MISSOURI</u>										
Central Methodist Col.	0	0	0	0			0			
Central MO State U.	17	8	7	6			3			
Drury Col.	3	3	2	1			1			
MO Southern State Col.	2	2	0	0			0			
**MO-U.of-Columbia	20	10	4	12	27	7	6	2	4	6
*MO-U.of-Kansas City	10	4	6	6	16	4	3	-	3	
**MO-U.of-Rolla	16	11	10	10	36	3	11	4	1	4
*MO-U.of-St. Louis	(6)	(6)	7	5	12	1	1	-	1	
Northeast MO State U.	25	16	11	5			4			
Northwest MO State U.	(1)	(1)	(0)	(1)			(0)			
Rockhurst Col.	(3)	(3)	(1)	(1)			(0)			
**Saint Louis U.	(2)	(2)	2	2	2	0	2	0	-	6
2 Southeast MO State U.	(10)	(10)	(7)	(5)	(2)		(5)			
Southwest MO State U.	0	0	6	9			11			
**Washington U.	25	28	13	15	59	11	16	4	1	7
Westminster Col.	2	3	2	1			0			
William Jewell Col.	10	6	4	4			4			
<u>MONTANA</u>										
**MT State U.	19	13	21	16	32	8	13	-	1	1
*MT-U.of	10	10	2	1	2	0	2	-	0	
<u>NEBRASKA</u>										
Chadron State Col.	2	4	3	3			4			
Concordia Teachers Col.	5	7	6	5			6			
*Creighton U.	5	5	14	7	12	7	6	1	-	
Hastings Col.	6	6	6	5			4			
Kearney State Col.	3	2	3	2			2			
**NE-U.of-Lincoln	10	14	12	18	32	6	1	2	1	5
NE-U.of-Omaha	(12)	(12)	(8)	(6)			(5)			
NE Wesleyan U.	17	17	1	8			3			
Union Col.	0	1	1	0			1			
Wayne State Col.	2	1	1	1			3			
<u>NEVADA</u>										
*NV-U.of-Las Vegas	6	10	5	3	8	3	1	-	0	
**NV-U.of-Reno	8	5	3	2	17	3	2	2	1	3
<u>NEW HAMPSHIRE</u>										
**Dartmouth Col.	(15)	(15)	13	19	26	8	12	1	0	6
**NH-U.of	17	10	11	12	19	6	9	-	6	1
<u>NEW JERSEY</u>										
Drew U.	4	4	2	1			0			
Fairleigh Dickinson U.- Madison	2	1	1	0			2			

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	Fresh- men	Sopho- mores	Undergraduate physics majors		Graduate students f-time & p-time Total	1st yr.	Bach.	MS	TMS	PhD
			Jr's	Sr's						
<u>NEW JERSEY (cont'd)</u>										
*Fairleigh Dickinson U.- Teaneck	3	3	2	3	6	3	1	-	4	
Georgian Court Col.	1	1	1	1			2			
Monmouth Col.	5	6	3	3			4			
Montclair State Col.	1	5	6	4			1			
**Princeton U.	359	83	18	21	85	22	23	13	1	13
Ramapo Col. of NJ	5	8	4	1			0			
Rider Col.	0	0	1	1			0			
**Rutgers U.-Busch Campus	(15)	15	28	30	80	14	14	0	2	5
Rutgers U.-Camden Col. of A&S	6	6	8	4			5			
Rutgers U.-Newark Col. of A&S	4	4	4	4			5			
Saint Peter's Col.	2	2	3	3			0			
Seton Hall U.	3	5	3	2			2			
**Stevens Inst. of Tech.	32	20	30	15	56	9	12	5	3	2
Stockton State Col.	8	8	7	10			5			
Trenton State Col.	3	14	4	8			2			
<u>NEW MEXICO</u>										
Eastern NM U.	2	2	3	2			1			
NM Highlands U.	2	4	4	3			2			
**NM Inst. of Mining & Tech.	27	17	20	11	8	2	12	1	2	1
**NM State U.	15	9	7	10	27	5	1	0	3	4
**NM-U. of	9	4	13	12	74	19	7	4	-	1
<u>NEW YORK</u>										
**Adelphi U.	16	7	8	3	29	4	6	1	2	1
Alfred U.	2	3	2	1			0			
Bard Col.	5	4	1	2			2			
Barnard Col., Columbia U.	2	2	1	4			0			
**Brooklyn Col.	8	2	2	1	30	9	2	1	-	2
C.W. Post Col. of L.I.U.	1	4	4	4			2			
Canisius Col.	2	2	1	3			1			
**City Col. of the CUNY	15	15	10	6	69	14	4	2	2	9
**Clarkson Col. of Tech.	15	17	12	11	20	0	5	17	2	1
Colgate U.	20	20	12	17			14			
**Columbia U.	20	20	31	28	109	27	18	11	3	15
**Cornell U. (Physics)	60	50	37	38	169	31	31	20	2	23
**Cornell U. (Appl. & Engr.)	-	-	42	25	54	10	35	10	6	5
2 Fordham U.	1	1	5	5	0	0	3	0	0	1
Hamilton Col.	(8)	8	4	3			6			
Hartwick Col.	3	1	2	4			1			
Herbert Lehman Col.	5	(5)	2	2			4			

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Institution	Undergraduate physics majors				Graduate students f-time & p-time	1st yr.	Bach.	MS	TMS	PhD
	Fresh-men	Sopho-mores	Jr's	Sr's						
<u>NEW YORK (cont'd)</u>										
Hobart & Wm. Smith Colls.	4	2	2	4			0			
Hofstra U.	2	2	1	1			2			
Houghton Col.	5	3	2	6			4			
*Hunter Col. of the CUNY	10	10	5	3	10	3	4	-	4	
Iona Col.	7	11	2	5			5			
Ithaca Col.	20	20	10	2			2			
Le Moyne Col.	7	3	1	0			1			
Manhattan Col.	6	4	5	3			6			
NY Institute of Tech.	(6)	(7)	(4)	(5)			(2)			
**NYU	10	7	9	13	85	25	5	6	-	4
**Polytechnic Inst. of NY	5	3	3	3	27	8	3	2	2	4
**Queens Col. of the CUNY	5	3	4	5	12	3	6	0	2	2
**Rensselaer Polytechnic Inst.	72	70	55	33	66	23	33	6	9	4
Roberts Wesleyan Col.	4	3	2	2			1			
Rochester Inst. of Tech.	19	18	11	12			9			
**Rochester-U. of	36	25	8	12	89	14	5	22	2	4
†**Rockefeller U.	-	-	-	-	6	2	-	-	-	2
*St. Bonaventure U.	2	3	1	3	2	2	3	-	3	
St. John Fisher Col.	6	7	5	2			1			
St. John's U.	2	3	4	4			3			
St. Lawrence U.	10	10	3	8			2			
Siena Col.	8	6	5	2			3			
**SUNY-Albany	20	25	21	25	45	10	23	4	4	6
**SUNY-Binghamton	50	30	18	15	31	19	14	0	0	3
**SUNY-Buffalo	0	0	1	6	54	24	4	-	1	8
**SUNY-Stony Brook	50	50	25	20	126	31	23	9	5	23
SUNY Col.-Brockport	10	10	9	6			7			
SUNY Col.-Buffalo	7	4	3	5			4			
SUNY Col.-Cortland	65	40	21	5			5			
SUNY Col.-Fredonia	(20)	(20)	(18)	(18)			(10)			
*SUNY Col.-Geneseo	40	30	22	13	1	1	14	-	1	
*SUNY Col.-New Paltz	(10)	(10)	(9)	(8)	(4)	(2)	(5)	-	(2)	
SUNY Col.-Oneonta	14	17	25	16			6			
SUNY Col.-Oswego	20	15	8	6			4			
SUNY Col.-Plattsburgh	7	5	6	1			5			
SUNY Col.-Potsdam	8	8	15	6			11			
Staten Island-Col. of	1	0	0	1			0			
**Syracuse U.	7	5	8	7	39	7	9	1	2	8
Union Col.	5	5	4	4			5			
Utica Col.	2	3	4	4			3			
Vassar Col.	7	8	12	10			6			
Wagner Col.	10	10	5	4			1			
Yeshiva U.	2	2	2	2			2			
York Col. of the CUNY	5	5	3	2			3			

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Institution	Undergraduate physics majors				Graduate students f-time & p-time	1st yr.	1981-82 PHYSICS DEGREES			
	Freshmen	Sophomores	Jr's	Sr's			Total	Bach.	MS	TMS
<u>NORTH CAROLINA</u>										
Appalachian State U.	(10)	(10)	(12)	(14)			(10)			
Davidson Col.	12	9	8	6			4			
**Duke U.	15	17	14	11	44	8	9	5	0	6
*East Carolina U.	85	25	14	8	9	3	3	1	0	
Elizabeth City State U.	3	2	3	1			1			
Elon Col.	4	3	2	0			0			
Guilford Col.	15	10	9	7			9			
NC A&T State U.	3	3	3	1			3			
NC Central U.	5	6	1	1			0			
**NC State U.	19	18	16	6	54	12	15	2	7	10
NC-U.of-Asheville	4	7	5	4			1			
**NC-U.of-Chapel Hill	33	26	18	24	59	9	11	4	5	4
NC-U.of-Charlotte	10	8	9	4			6			
*NC-U.of-Greensboro	10	12	12	10	4	0	8	-	0	
NC-U.of-Wilmington	20	15	11	7			4			
Pfeiffer Col.	3	0	0	0			1			
*Wake Forest U.	20	20	8	14	5	1	8	-	1	
Warren Wilson Col.	5	6	4	5			1			
Western Carolina U.	2	6	3	2			3			
<u>NORTH DAKOTA</u>										
Minot State Col.	1	2	1	1			0			
**ND State U.	9	7	6	4	7	1	2	0	1	0
**ND-U.of	6	4	4	3	6	3	3	0	0	1
<u>OHIO</u>										
1**Air Force Inst. of Tech.	-	-	-	-	44	27	-	-	13	1
*Akron-U.of	6	7	7	8	25	11	1	-	2	
Antioch Col.	2	2	3	0			4			
Ashland Col.	(0)	(0)	(1)	(0)			(0)			
Baldwin-Wallace Col.	(2)	(2)	(2)	(1)			(1)			
*Bowling Green State U.	10	12	7	2	12	9	3	-	3	
Capital U.	0	0	0	2			1			
**Case Western Reserve U.	21	19	16	13	40	10	12	5	5	4
**Cincinnati-U.of	17	11	12	6	53	18	4	4	2	5
2 Cleveland State U.	10	12	19	3			5			
*Dayton-U.of	15	11	8	4	2	0	3	-	0	
Denison U.	7	8	9	7			3			
Heidelberg Col.	2	2	3	1			2			
Hiram Col.	(5)	(5)	(3)	(5)			(0)			
*John Carroll U.	15	11	10	4	6	3	6	3	0	
**Kent State U.	19	14	7	14	46	11	12	3	4	6
Kenyon Col.	15	10	10	10			12			
*Miami U.	48	41	27	17	11	5	20	2	1	
Mount Union Col.	7	6	4	3			2			

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Institution	Undergraduate physics majors				Graduate students f-time & p-time		1981-82 PHYSICS DEGREES			
	Fresh-men	Sopho-mores	Jr's	Sr's	Total	1st yr.	Bach.	MS	TMS	PhD
<u>OHIO (cont'd)</u>										
Oberlin Col.	15	15	15	17			17			
OH Northern U.	0	0	0	1			0			
**OH State U.	22	25	21	29	136	22	20	4	5	10
**OH U.	11	10	7	13	57	18	6	2	10	4
OH Wesleyan U.	6	7	2	5			4			
Otterbein Col.	4	1	1	0			0			
**Toledo-U.of	9	0	4	4	17	5	3	0	3	0
Wittenberg U.	5	5	5	4			9			
Wooster-The Col.of	5	4	5	2			5			
*Wright State U.	6	7	7	6	8	5	6	-	1	
Xavier U.	13	8	8	9			7			
Youngstown State U.	10	8	2	1			2			
<u>OKLAHOMA</u>										
Bethany Nazarene Col.	(4)	(4)	(0)	(2)			(3)			
Cameron U.	(3)	(3)	(2)	(3)			(3)			
*Central State U.	12	10	8	11	21	5	6	-	3	
East Central OK State U.	(2)	(2)	(3)	(3)			(4)			
Northeastern OK State U.	22	13	9	7			6			
Northwestern OK State U.	(1)	(0)	(0)	(1)			(0)			
OK City U.	2	2	4	12			12			
**OK State U.	10	25	15	11	36	10	11	1	1	4
**OK-U.of	20	25	17	8	73	17	24	3	3	5
Phillips U.	2	2	2	3			1			
Southeastern OK State U.	2	2	4	4			4			
Southwestern OK State U.	15	15	12	5			7			
Tulsa-U.of	4	5	4	4			7			
<u>OREGON</u>										
Eastern OR State Col.	7	8	7	3			7			
Lewis & Clark Col.	10	5	2	3			5			
Linfield Col.	3	1	1	2			3			
]**OR Graduate Center	-	-	-	-	15	6	-	2	0	1
**OR State U.	20	28	11	6	34	15	8	4	5	0
**OR-U.of	11	17	26	18	94	31	16	15	4	2
Pacific U.	3	3	3	2			1			
**Portland State U.	8	12	6	15	11	1	4	0	1	0
Portland-U.of	4	4	3	0			2			
Reed Col.	40	40	35	25			22			
Southern OR State Col.	3	6	7	9			2			
Willamette U.	(10)	(10)	(8)	(8)			(6)			
<u>PENNSYLVANIA</u>										
Albright Col.	1	2	3	3			5			
Allegheny Col.	(8)	(8)	(10)	(6)			(2)			

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Institution	Undergraduate physics majors				Graduate students f-time & p-time	1st yr.	1981-82 PHYSICS DEGREES			
	Freshmen	Sophomores	Jr's	Sr's			Total	Bach.	MS	TMS
<u>PENNSYLVANIA (Cont'd)</u>										
2 Bloomsburg State Col.	4	4	5	2			1			
**Bryn Mawr Col.	(5)	5	5	9	4	0	2	-	-	0
Bucknell U.	12	8	9	5			5			
CA State Col. of PA	(2)	(2)	(2)	(2)			(0)			
**Carnegie-Mellon U.	30	30	27	21	66	20	23	10	2	5
Clarion State Col.	17	12	8	5			3			
Dickinson Col.	10	4	5	13			9			
**Drexel U.	22	22	18	15	38	8	11	2	3	2
Duquesne U.	4	5	3	4			4			
East Stroudsburg State Col.	(4)	(4)	(3)	(3)			(1)			
Edinboro State Col.	4	13	7	6			1			
Elizabethtown Col.	(2)	(2)	(0)	(1)			(0)			
Franklin & Marshall Col.	15	20	20	15			15			
Gannon U.	2	2	4	0			5			
Geneva Col.	0	1	1	0			0			
Gettysburg Col.	20	10	7	9			5			
Grove City Col.	2	6	2	6			1			
Haverford Col.	(15)	(15)	17	9			7			
*IN U. of PA	45	25	12	2	3	1	2	1	-	-
Juniata Col.	5	5	3	3			1			
King's Col.	1	0	1	0			4			
Kutztown State Col.	15	0	0	1			1			
Lafayette Col.	2	3	2	1			3			
La Salle Col.	5	5	(3)	(3)			3			
Lebanon Valley Col.	7	6	8	8			4			
**Lehigh U.	15	11	9	12	35	7	11	-	4	1
Lincoln U.	2	2	1	1			0			
Lock Haven State Col.	3	1	2	0			0			
Lycoming Col.	11	5	8	2			8			
Mansfield State Col.	4	4	5	3			6			
Millersville State Col.	37	14	11	7			11			
Moravian Col.	19	11	7	3			6			
Muhlenberg Col.	7	6	6	9			5			
**PA State U.	28	31	31	19	94	18	12	4	8	8
**PA-U. of	10	12	7	15	93	19	12	1	4	11
**Pittsburgh-U. of	(20)	(15)	15	14	89	26	23	17	3	12
St. Joseph's U.	5	8	5	6			3			
St. Vincent Col.	3	2	1	0			0			
*Scranton-U. of	2	4	2	1	4	1	2	-	1	
2 Shippensburg State Col.	30	13	20	5	6	0	7	-	0	
Slippery Rock State Col.	30	15	1	1			1			
Susquehanna U.	5	3	2	2			2			
Swarthmore Col.	25	20	10	11			17			
**Temple U.	18	14	19	7	33	9	6	8	1	6
Thiel Col.	2	4	1	1			1			
Ursinus Col.	10	8	5	7			5			

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Institution	Undergraduate physics majors				Graduate students f-time & p-time		1st yr.	Bach.	MS	TMS	PhD
	Fresh-men	Sopho-mores	Jr's	Sr's	Total						
<u>PENNSYLVANIA (cont'd)</u>											
Villanova U.	8	5	6	5				4			
Washington & Jefferson Col.	3	2	3	3				3			
West Chester State Col.	30	25	13	2				0			
Westminster Col.	2	3	1	3				5			
Widener U.	2	2	3	0				1			
*Wilkes Col.	0	4	1	4	2	1		6	0	0	
<u>RHODE ISLAND</u>											
**Brown U.	25	10	9	9	102	28		8	16	3	10
Providence Col.	3	2	3	2				2			
**RI-U.of	12	10	7	10	21	5		6	3	-	1
<u>SOUTH CAROLINA</u>											
Baptist Col.at Charleston	(1)	(2)	(2)	(0)				(0)			
Benedict Col.	32	11	4	4				3			
Bob Jones U.	12	16	4	6				2			
Charleston-Col.of	3	12	6	9				4			
Citadel, The	10	2	2	8				2			
**Clemson U.	17	6	3	2	20	6		6	0	1	2
Converse Col.	0	0	0	0				0			
Erskine Col.	7	1	3	1				2			
Furman U.	2	1	0	2				2			
Presbyterian Col.	12	8	7	3				3			
**SC-U.of	8	7	5	1	37	10		6	2	1	2
Wofford Col.	4	3	2	0				1			
<u>SOUTH DAKOTA</u>											
Augustana Col.	15	4	4	5				1			
*SD School of Mines & Tech.	6	12	8	6	5	2		2	-	1	
*SD State U.	15	12	10	11	3	3		6	-	3	
SD-U.of	3	7	0	0				0			
<u>TENNESSEE</u>											
Austin Peay U.	3	2	2	1				0			
Belmont Col.	(3)	(2)	(2)	(2)				(0)			
Carson-Newman Col.	5	5	3	3				2			
Christian Brothers Col.	6	1	3	1				0			
David Lipscomb Col.	4	4	0	3				2			
2 East TN State U.	4	5	1	3				2			
*Fisk U.	5	0	5	9	1	1		2	0	0	
King Col.	3	2	2	1				2			
*Memphis State U.	10	8	9	5	6	2		4	-	2	
Middle TN State U.	2	4	4	2				2			
South-The U.of the	5	2	5	3				5			
Southern Missionary Col.	6	1	0	1				3			

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Institution	Undergraduate physics majors				Total	Graduate students f-time & p-time	1981-82 PHYSICS DEGREES			
	Freshmen	Sophomores	Jr's	Sr's			1st yr.	Bach.	MS	TMS
<u>TENNESSEE (cont'd)</u>										
Southwestern at Memphis	5	5	4	3			5			
TN State U.	2	2	2	2			(1)			
TN Tech. U.	3	2	4	5			4			
TN-U.of-Chatanooga	(3)	(3)	(4)	(8)			(7)			
**TN-U.of-Knoxville	11	6	15	20	47	11	11	6	-	6
1**TN-U of-Space Institute	-	-	-	-	26	3	-	-	-	2
**Vanderbilt U.	5	5	5	7	25	5	9	-	-	2
<u>TEXAS</u>										
Abilene Christian U.	10	20	34	23			6			
Angelo State U.	8	10	8	9			6			
Austin Col.	5	1	2	3			1			
**Baylor U.	10	13	4	4	10	3	3	0	1	1
Dallas Baptist Col.	2	0	0	0			0			
Dallas-U.of	7	5	3	6			4			
*East TX State U.	6	10	8	3	12	4	8	5	0	
Hardin-Simmons U.	4	4	3	3			0			
Houston Baptist U.	(5)	(5)	(4)	(3)			(2)			
**Houston-U.of	16	11	20	17	60	19	15	1	2	7
Lamar U.	5	8	10	7			6			
Mc Murry Col.	1	3	0	1			0			
Midwestern State U.	6	5	3	4			2			
**North TX State U.	20	17	13	16	53	8	8	8	5	2
Pan American U.	13	14	7	4			0			
Prairie View A & M U.	1	2	0	0			0			
**Rice U.	30	25	16	27	46	8	16	9	4	6
St. Mary's U.	0	1	1	0			1			
*Sam Houston State U.	130	75	18	7	9	3	8	0	0	
**Southern Methodist U.	5	7	4	4	1	0	5	0	1	0
*Southwest TX State U.	5	5	5	10	8	2	4	-	0	
Southwestern U.	(2)	(2)	(1)	(0)			(0)			
*Stephen F. Austin State U.	19	6	6	5	5	2	7	0	0	
Tarleton State U.	1	1	0	0			0			
2 TX A & I U.	4	4	0	1	1	-	0	1	1	
**TX A & M U.	40	26	27	26	52	15	19	1	3	4
**TX Christian U.	2	10	4	1	16	5	2	-	1	1
TX Southern U.	10	10	6	7			5			
**TX Tech U.	1	8	17	22	25	7	5	0	1	0
*TX-U.of-Arlington	22	16	12	21	14	4	13	-	3	
**TX-U.of-Austin	29	30	30	23	255	47	22	-	3	22
**TX-U.of-Dallas	0	0	18	6	74	19	5	5	6	2
*TX-U.of-El Paso	16	7	11	3	14	7	3	1	4	
Trinity U.	3	1	2	2			3			
West TX State U.	(3)	(3)	(1)	(1)			(1)			

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Institution	Undergraduate physics majors				Graduate students f-time & p-time	1st yr.	1981-82 PHYSICS DEGREES			
	Fresh-men	Sopho-mores	Jr's	Sr's			Total	Bach.	MS	TMS
<u>UTAH</u>										
**Brigham Young U.	47	31	31	30	22	6	16	0	1	1
**UT State U.	10	1	6	12	25	5	5	1	0	3
**UT-U.of	32	23	20	29	78	20	17	1	6	2
Weber State Col.	30	8	7	5			15			
Westminster Col.	0	0	2	1			1			
<u>VERMONT</u>										
Marlboro Col.	1	1	1	1			0			
Middlebury Col.	10	10	10	9			9			
Norwich U.	1	1	1	1			0			
St. Michael's Col.	(4)	(4)	(3)	(3)			(2)			
3*VT-U.of	29	20	13	(14)	(11)	2	10	2	1	
<u>VIRGINIA</u>										
Bridgewater Col.	(5)	(5)	(3)	(2)			(1)			
Emory & Henry Col.	5	2	2	2			3			
*George Mason U.	30	20	4	10	2	2	2	0	0	
Hampden-Sydney Col.	1	2	2	0			1			
*Hampton Institute	4	2	5	1	0	0	1	-	0	
James Madison U.	13	15	12	7	1		9			
Longwood Col.	28	8	9	7			2			
*Lynchburg Col.	8	8	6	6	8	3	4	-	2	
Mary Washington Col.	(12)	(12)	(10)	(8)			(8)			
Norfolk State Col.	(10)	(10)	(8)	(5)			(4)			
**Old Dominion U.	9	4	9	7	17	3	3	3	5	0
Randolph-Macon Col.	10	4	1	5			3			
Randolph-Macon Woman's Col.	1	0	1	1			0			
3*Richmond-U.of	4	3	6	1	0	0	2	-	0	
Roanoke Col.	2	2	1	2			0			
Sweet Briar Col.	3	3	3	1			4			
VA Commonwealth U.	6	6	12	6			5			
VA Military Institute	12	10	7	6			10			
**VA Polytech. Inst.& State U.	66	40	36	13	43	15	10	-	5	2
*VA State U.	6	5	8	6	7	3	7	-	3	
**VA-U.of	60	40	32	29	64	16	20	3	1	8
Washington & Lee U.	15	10	15	12			10			
**William & Mary-Col.of	30	30	12	23	41	9	20	7	-	6
<u>WASHINGTON</u>										
Central WA U.	11	6	11	4			5			
Eastern WA U.	10	10	3	3			6			
Gonzaga U.	1	1	1	1			1			
Pacific Lutheran U.	5	5	2	0			2			
Puget Sound-U.of	20	18	9	3			0			
Seattle Pacific U.	6	6	5	4			4			

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Institution	Undergraduate physics majors				Graduate students f-time & p-time	1st yr.	1981-82 PHYSICS DEGREES			
	Freshmen	Sophomores	Jr's	Sr's			Total	Bach.	MS	TMS
<u>WASHINGTON (cont'd)</u>										
Seattle U.	(3)	(3)	(5)	(4)			(2)			
Walla Walla Col.	(2)	(2)	(0)	(1)			(1)			
**WA State U.	15	15	12	10	27	10	4	3	5	3
**WA-U.of	40	34	53	50	156	48	37	18	10	18
Western WA U.	10	20	15	13			9			
Whitman Col.	52	36	8	6			7			
Whitworth Col.	3	3	3	4			4			
<u>WEST VIRGINIA</u>										
Bethany Col.	14	4	4	0			0			
Marshall U.	2	2	3	4			1			
WV Institute of Tech.	2	1	2	1			0			
**WV U.	12	10	6	6	37	8	5	0	1	2
WV Wesleyan Col.	25	14	10	6			12			
Wheeling Col.	1	5	2	1			3			
<u>WISCONSIN</u>										
Beloit Col.	5	4	4	4			3			
Carroll Col.	(6)	(6)	(4)	(4)			(5)			
Carthage Col.	2	1	3	0			1			
Lawrence U.	10	15	10	4			3			
*Marquette U.	2	0	6	2	14	8	5	5	0	
Northland Col.	2	1	2	0			0			
Ripon Col.	12	3	4	6			3			
WI-U.of-Eau Claire	8	11	10	12			10			
2 WI-U.of-Green Bay	3	5	0	4	0	0	2	-	1	
WI-U.of-La Crosse	(4)	(4)	(3)	(2)			(2)			
**WI-U.of-Madison	17	15	14	29	174	35	30	12	15	12
**WI-U.of-Milwaukee	(10)	(10)	11	7	41	12	5	1	3	3
*WI-U.of-Oshkosh	9	3	7	8	2	0	3	1	2	
WI-U.of-Parkside	4	7	5	8			4			
WI-U.of-Platteville	1	1	2	0			1			
2 WI-U.of-River Falls	10	5	12	6			13			
WI-U.of-Stevens Point	(8)	(8)	(6)	(5)			(3)			
WI U.of-Superior	5	5	5	5			5			
WI-U.of-Whitewater	9	3	2	3			1			
<u>WYOMING</u>										
**WY-U.of	11	3	5	3	30	4	9	0	-	2