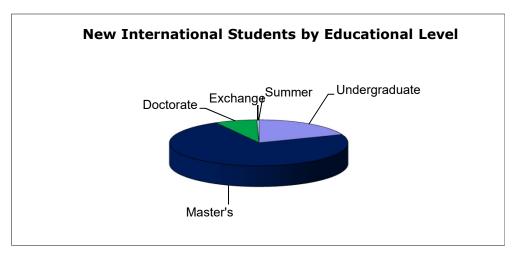
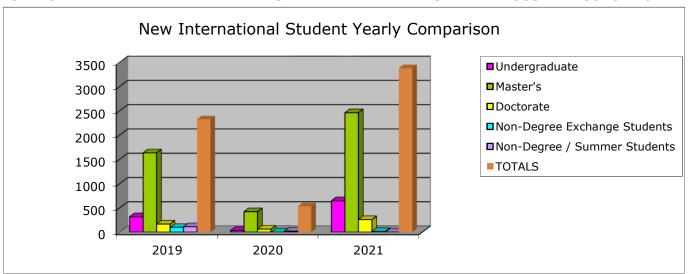
<b>New International Students Sur</b>	mmer and F	all 2021
Undergraduate	646	19.1%
Master's	2460	72.8%
Doctorate	258	7.6%
Exchange	14	0.4%
Non-Degree/Summer	0	0.0%
Total	3378	100.0%



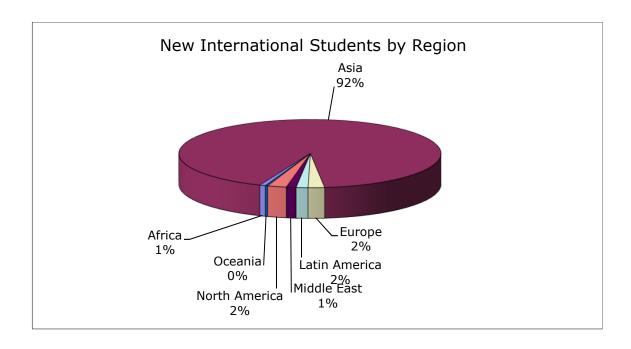
## New International Student Comparison by Year

	2017	2018	2019	2020	2021	Change
Undergraduate	315	298	317	33	646	94.9%
Master's	1690	1830	1633	420	2460	82.9%
Doctorate	197	165	166	61	258	76.4%
Non-Degree Exchange Students	102	93	97	0	14	100.0%
Non-Degree / Summer Students	67	85	111	19	0	
TOTALS	2371	2471	2324	533	3378	84.2%



## **New International Students by Region**

					Non- Degree/	
	Undergrad	Master's	Doctorate	Exchange	Summer	Total
Africa	3	11	6	4		24
Asia	581	2325	198	4		3108
Europe	12	25	31			68
Latin America	8	28	12	1		49
Middle East	3	28	4	5		40
North America	33	40	6			79
Oceania	6	3	1			10
Total	646	2460	258	14	0	<i>337</i> 8



### **Primary Sources of Funding**

	Ugrad	Master's	Doctorate	Exchange	Non- Degree/ Summer	Total
Current/Future Employer		2				2
Home Govt or University	13	29	3	7		52
Personal & Family Funds	630	2385	17	5		3037
Private Sponsor	3	25	1			29
U.S. College or University		19	237	2		258
Totals	646	2460	<i>258</i>	14	0	<i>337</i> 8

# **New International Students by Country of Citizenship**

					Non-	
					Degree/	
Country	Ugrad	Master's	Doctorate	Exchange	Summer	Total
Albania		1	1			2
Argentina	1	3	1	1		6
Armenia		1				1
Australia	4	3	1			8
Austria		1				1
Bahamas		1	1			2
Bangladesh	1	3	3			7
Belgium		1				1
Bolivia	1					1
Botswana			1			1
Brazil	4	2	4			10
Canada	33	32	4			69
Chile	1	1	2			4
China	390	1262	117	2		1771
Colombia		9	2			11
Congo			1			1
Cyprus		2				2
Dominican Republic		1				1
Ecuador		1	2			3
Egypt				2		2
France		3	1			4
Georgia			1			1
Germany		3	1			4
Ghana	1	2	2			5
Greece		2	3			5
Guatemala		2				2
Guyana			1			1
Hong Kong	8	9				17
Iceland		2				2
India	43	800	27	1		871
Indonesia	4	9				13
Iran			3			3
Ireland		2	1			3
Israel		2				2
Italy	1	2	4			7
Japan	2	21	2			25
Kazakhstan			1			1
Kenya		1				1
Kuwait		2				2

Country of Citizents	hip (cont.	.)				
Lebanon	-	2				2
Luxembourg		1				1
Macau	1	1				2
Malaysia	3		1			4
Maldives	1					1
Mexico		8				8
Morocco				1		1
Nepal		4	1			5
Netherlands			1			1
New Zealand	2	1				3
Nigeria	2	4	2			8
Pakistan	1	13	1	4		19
Peru		7				7
Philippines		1				1
Poland		1	1			2
Portugal			13			13
Qatar		1				1
Russia	6	1				7
Saudi Arabia	2	7		1		10
Singapore	29	18	2			49
South Korea	73	39	17	1		130
Spain	1	1	1			3
St Kitts & Nevis	1					1
Sweden		1				11
Switzerland	1					1
Taiwan	12	134	14			160
Thailand	7	20	3			30
Trinidad & Tobago			1			1
Tunisia				1		11
Turkey	5	1	6			12
Ukraine			1			11
United Arab Emirates		1				11
United Kingdom	3		2			5
Uzbekistan		1				11
Venezuela		1				1
Vietnam	2	4	4			10
Zimbabwe		1				1
Total	646	2460	<i>258</i>	14	0	<i>337</i> 8

	Colle	ges ar	nd Depa	artments
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					Non- Degree/
CFA	Ugrad	Master's	Doctorate	Exchange	Summer
Advanced Architectural Design		5			
Architectural & Building Sciences/Technology	36	15			
Architecture	1				
Architecture Engineering Construction Management		16	1		
Art	27	2			
Building Performance & Diagnostics		9	2		
Composition		1			
Computational Design		18			
Costume Design		1			
Design	14	5			
Design for Interactions		17			
Drama	2				
Lighting Design		2			
Music	1	3			
Music & Technology	4	8			
Music Education		2			
Music Performance	1	4			
Scene Design		2			
Sustainable Design		8			
Urban Design		12			
Total	86	130	3	0	0

					Non- Degree/
CIT	Ugrad	Master's	Doctorate	Exchange	Summer
Biomedical Engineering	_	49	3	_	
Chemical Engineering	3	35	5		
CIT Undeclared	100				
Civil & Environmental Engineering	4	69	10		
Colloids, Polymers, & Surfaces		2			
Computational Design & Manufacturing		13			
Computational Materials Science & Engineering		5			
Electrical & Computer Engineering	33	244	31		
Energy Science, Technology, & Policy		13			
Engineering & Technology Innovation Management		1			
Engineering & Public Policy		3	5		
Environmental Management & Science			1		
Information Networking		104			
Information Security		37			
Information Technology - Information Security		36			
Materials Science & Engineering	7	31	11		
Mechanical Engineering	2	127	22		
Mobile & Internet of Things Engineering		48			
Software Engineering		77			
Total	149	894	88	0	0

Heinz College	Master's	Doctorate	Exchange	Non- Degree/ Summer
Arts Management	11			
Business Intelligence & Data Analytics	164			
Entertainment Industry Management	15			
Health Care Analytics & Information Technology	17			
Information Security Policy & Management	19			
Information Systems Management	272	4		
Information Technology (IT Management)			1	
Public Policy & Management	82	1	2	
Statistics & Public Policy		3		
Total	580	8	3	0

# **Colleges and Departments (continued)**

					Degree/
Dietrich College	Ugrad	Master's	Doctorate	Exchange	Summer
Applied Second Language Acquisition		1			
Behavioral Decision Research			1		
Behavioral Economics, Policy, & Organizations	2				
Cognitive Neuroscience			1		
Cognitive Science	2				
Decision Science	3				
Dietrich Undeclared	93				
Economics	4				
Economics & Statistics	6				
Global Communication & Applied Translation		1			
History			1		
Information Systems	25			6	
Information Technology Strategy		18			
International Relations & Politics		2			
Literary & Cultural Studies		2	1		
Logic, Computation, & Methodology		3	3		
Neural Computation			3		
Neuroscience	1				
Policy & Management	1				
Psychology	2		1		
Rhetoric			1		
Second Language Acquisition			3		
Social & Political History	1				
Statistical Practice		15			
Statistics	3		7		
Statistics & Machine Learning	24	<u> </u>	1		
Systems Neuroscience			2		
Technical Writing & Communication	1				
Total	168	42	25	6	0

					Non- Degree/
MCS	Ugrad	Master's	Doctorate	Exchange	Summer
Algorithms, Combinatorics, & Optimization			1		
Biological Sciences	4		4	1	
Biotechnology & Pharmaceutical Engineering		7			
Chemistry	4		12		
Computational Biology		28			
Computational Finance	1				
Mathematical Sciences	32		13		
MCS Undeclared	66				
Neuroscience	1				
Physics	3		10		
Total	111	35	40	1	0

scs		Master's	Doctorate	Exchange	Non- Degree/ Summer
	Ugrad				
Artificial Intelligence	5				
Artificial Intelligence & Innovation		40			
Computational Biology		6	2		
Computational Data Science		85			
Computer Science	17	31	24	3	
Computer Vision		25			
Educational Technology & Applied Learning Sciences		26			
Embedded Systems		4			
Human-Computer Interaction	1	24	10		
Information Technology - Privacy Engineering		11			
Intelligent Information Systems		39			
Language & Information Technologies			6		
Language Technologies		21			
Machine Learning		39	11		
Robotic Systems Development		39			
Robotics		41	19		

Non-

**Colleges and Departments (continued)** 

SCS (cont.)	Ugrad	Master's	Doctorate	Exchange	Degree/ Summer
Scalable Systems		27			
SCS Undeclared	36				
Software Engineering		16	8		
Total	59	474	80	3	0

Tepper		Master's	Doctorate	Exchange	Degree/ Summer
	Ugrad				
Accounting			2		
Algorithms, Combinatorics, & Optimization			2		
Business Administration	57			1	
Business Technologies			1		
Computational Finance		76			
Economics			2		
Management Science		81			
Marketing			4		
Operations Management			2		
Organizational Behavior & Theory			1		
Total	57	157	14	1	0

СМИ	Ugrad	Master's	Doctorate	Exchange	Degree/ Summer
Computer Science & Arts	2				
Entertainment Technology		76			
Humanities & Arts	6				
Integrated Innovation for Products & Services		36			
Science & Arts	8				
Software Management		35			
Technology Ventures		1			
Total	16	148	0	0	0
Grand Total	646	2460	258	14	0

#### **New Undergraduate Students**

#### Top 5 Programs

- 1. Chemical Engineering (100)
- 2. Dietrich Underclared (93)
- 3. MCS Undeclared (66)
- 4. Business Administration (57)
- 5. Architectural & Building Sciences/Technology (36)
- 5. SCS Undeclared (36)

### Top 5 Home Countries

- 1. China (390)
- 2. South Korea (73)
- 3. India (43)
- 4. Canada (33)
- 5. Singapore (29)

#### **New Doctoral Students**

#### Top 5 Programs

- 1. Electrical & Computer Engineering (31)
- 2. Computer Science (24)
- 3. Mechanical Engineering (22)
- 4. Robotics (19)
- 5. Mathematical Sciences (13)

#### Top 5 Home Countries

- 1. China (117)
- 2. India (27)
- 3. South Korea (17)
- 4. Taiwan (14)
- 5. Portugal (13)

#### All New International Students

### Top 5 Programs

- 1. Electrical & Computer Engineering (308)
- 2. Information Systems Management (276)
- 3. Business Intelligence & Data Analytics (164)
- 4. Mechanical Engineering (151)
- 5. Information Networking (104)

### Top 5 Home Countries

- 1. China (1771)
- 2. India (871)
- Taiwan (160)
  South Korea (130)
- 5. Canada (69)

#### **New Master's Students**

#### Top 5 Programs

- 1. Information Systems Management (272)
- 2. Electrical & Computer Engineering (244)
- 3. Business Intelligence & Data Analytics (164)
- 4. Mechanical Engineering (127)
- 5. Information Networking (104)

#### Top 5 Home Countries

- 1. China (1262)
- 2. India (800)
- 3. Taiwan (134)
- 4. South Korea (39)
- 5. Canada (32)

#### **New Exchange Students**

#### Top 3 Programs

- 1. Information Systems (6)
- 2. Computer Science (3)
- 3. Public Policy & Management (2)

#### Top 3 Home Countries

- 1. Pakistan (4)
- 2. China (2)
- 2. Egypt (2)

### Notes:

- ♦ Statistics include special, non-degree summer programs, which are mainly Pre-College, Dalcroze and EMBA students. These were added beginning in M/F 06.
- ♦ Beginning in M/F 05, graduate students were separated by their educational levels of Master's or Doctorate rather than being grouped together.
- Students who have changed their academic level or who have transferred between campuses **are not** represented in these numbers.
- ♦ Students returning from a leave of absence **are** represented in these numbers.
- Interdisciplinary programs that are hosted by more than one College are listed under the college heading "CMU".

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