



Enhancing the Attractiveness of
the European Forestry Education



University of Applied Sciences
Eberswalde

International Master Programs in Eberswalde



Programs and Experiences

Michael Mussong

Contents



University of Applied Sciences
Eberswalde

The University of Applied Sciences (Fachhochschule) Eberswalde

- Short Portrait
- International Aspects
- Master Programs
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Short Portrait



University of Applied Sciences
Eberswalde



- located close to the capital Berlin
- longest tradition in Europe regarding
 - sustainable forest management
 - forestry research and teaching (founded in 1830 by W.L.Pfeil)
- re-established in 1992
 - 4 faculties / 15 study programs
 - bachelor, master, (diploma)
- smallest University in Germany : ~ 1 400 students, 44 professors



Short Portrait



University of Applied Science
Eberswalde

4 Faculties

- Faculty of Forestry
- Faculty of Landscape Use and Nature Protection
- Faculty of Wood Science Technology
- Faculty of Business and Accounting



Short Portrait



University of Applied Sciences
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15 Study Programs

Bachelor (B.Sc./B.A.)

- Forestry
- International Forest Ecosystem Management
- Wood Science Technology
- Landscape Use and Nature Protection
- Ecological Agriculture and Marketing
- Regional Management B.A.
- Enterprise Management B.A.
- Finance Management B.A.



Short Portrait



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15 Study Programs

Master (M.Sc./M.A.)

- Forest Information Technology (FIT)
- Global Change Management (GCM)
- Wood Science Technology (in preparation)
- Regional Development and Nature Protection
- Ecological Agriculture Management
- Sustainable Tourism Management (M.A.)
- Marketing Management (M.A.)



International Aspects



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Criteria of „International“

- Studying according to the international ECTS-System (Bachelor/Master)
- International study programs (→ international topics, (guest) lectures, students, languages...)
- International projects and co-operations partners (→ universities, NGOs, companies...)
- Practical/theoretical semesters abroad

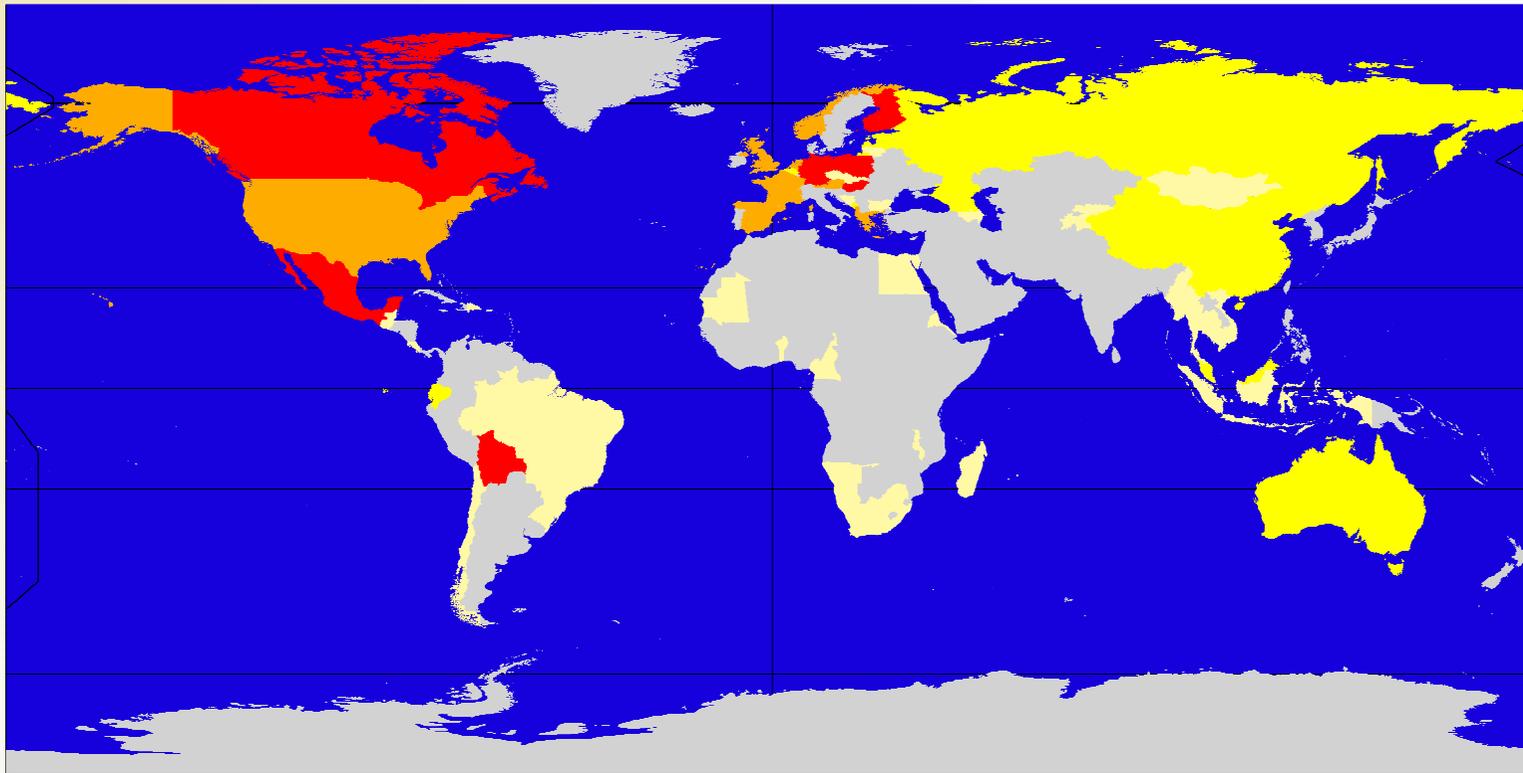


International Aspects



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International Co-operation



yellow to red: increasing intensity of cooperation
gray: no formal cooperation

International Master Programs



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Forest Information Technology (FIT)

interdisciplinary education offer with
its main focus on information technology
and landscape system research and
management



Aim: training in the creative
application of information technologies
that will aid in the description and
solution of environmental problems



Warsaw
Agricultural University

Forest Information Technology



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Program structure

4. Sem.	Eberswalde or Warsaw	Elective courses, Master thesis
3. Sem.	Eberswalde, Warsaw or oth.	Specialisation (elective courses), Independent research project
2. Sem.	Warsaw	Continuative knowledge of environmental inform. technologies and forestry related courses
1. Sem.	Eberswalde	Basic knowledge of environmental information technologies

Forest Information Technology



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Contents

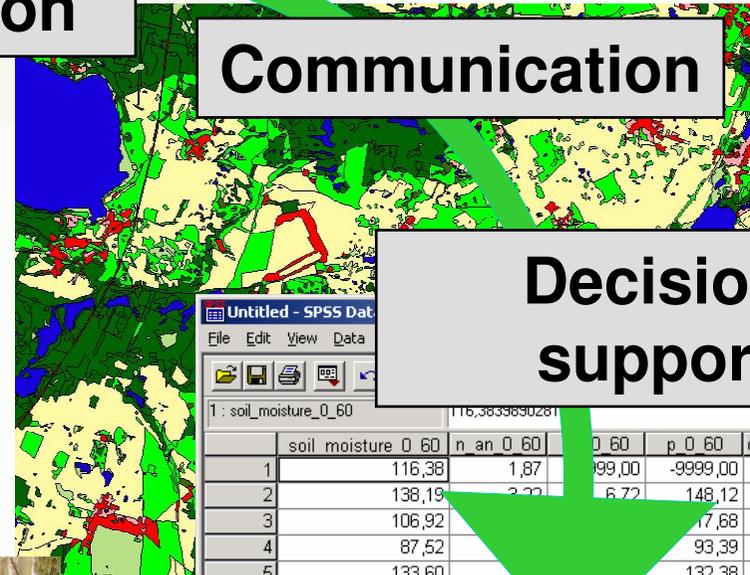
Visualisation

Communication

**Analysing
Information**

**Decision
support**

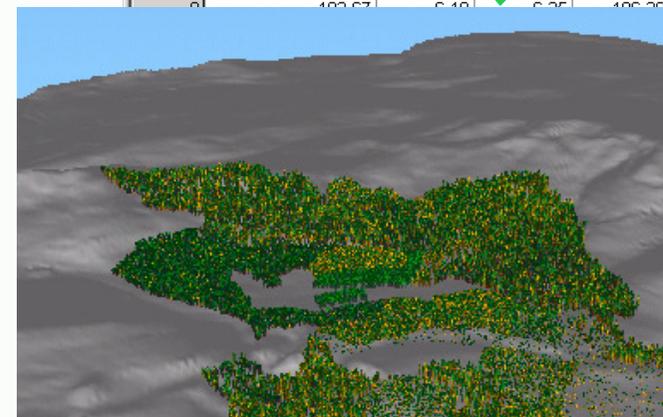
**Collecting
Information**



Untitled - SPSS Dat

	soil_moisture_0_60	n	an_0_60	p_0_60	c_org_0_60
1	116,38	1,87	-9999,00	-9999,00	-9999,00
2	138,19	2,22	6,72	148,12	5705,17
3	106,92			17,68	-9999,00
4	87,52			93,39	3810,33
5	133,60			132,38	4317,17
6	80,68	5,6	0,00	183,77	6567,57
7	92,06	9,07	6,95	125,72	-9999,00
8	103,67	6,48	6,25	106,25	4243,44
					5606,67
					2832,44
					4882,81

is ready



International Master Programs

Global Change Management (GCM)

interdisciplinary education offer with its main focus on a proactive sustainable management of natural resources under the global environmental change processes

Aim: to train specialists who are able to effectively contribute to the mitigation of and adaptation to the drastic effects of Global Change



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PIK



Münchener Rück
Munich Re Group



gtz



Global Change Management



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Program structure

4. Sem.

Master thesis (and complex module)

3. Sem.

Research project (with partners)

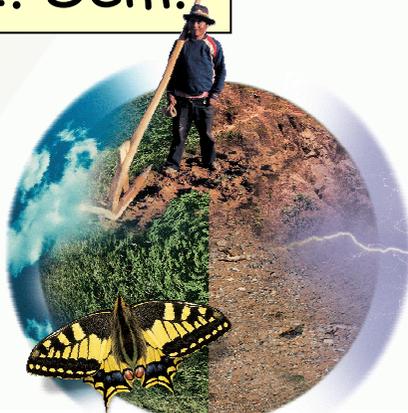
2. Sem.

... Fundamentals and methods

1. Sem.

Fundamentals and methods

(Global Change processes and driving forces behind them; Impact of GC on biological systems and land use; Socio-economic, institutional and political dimensions; Design and implementation of management strategies)



Experiences



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The big '+' of Eberswalde

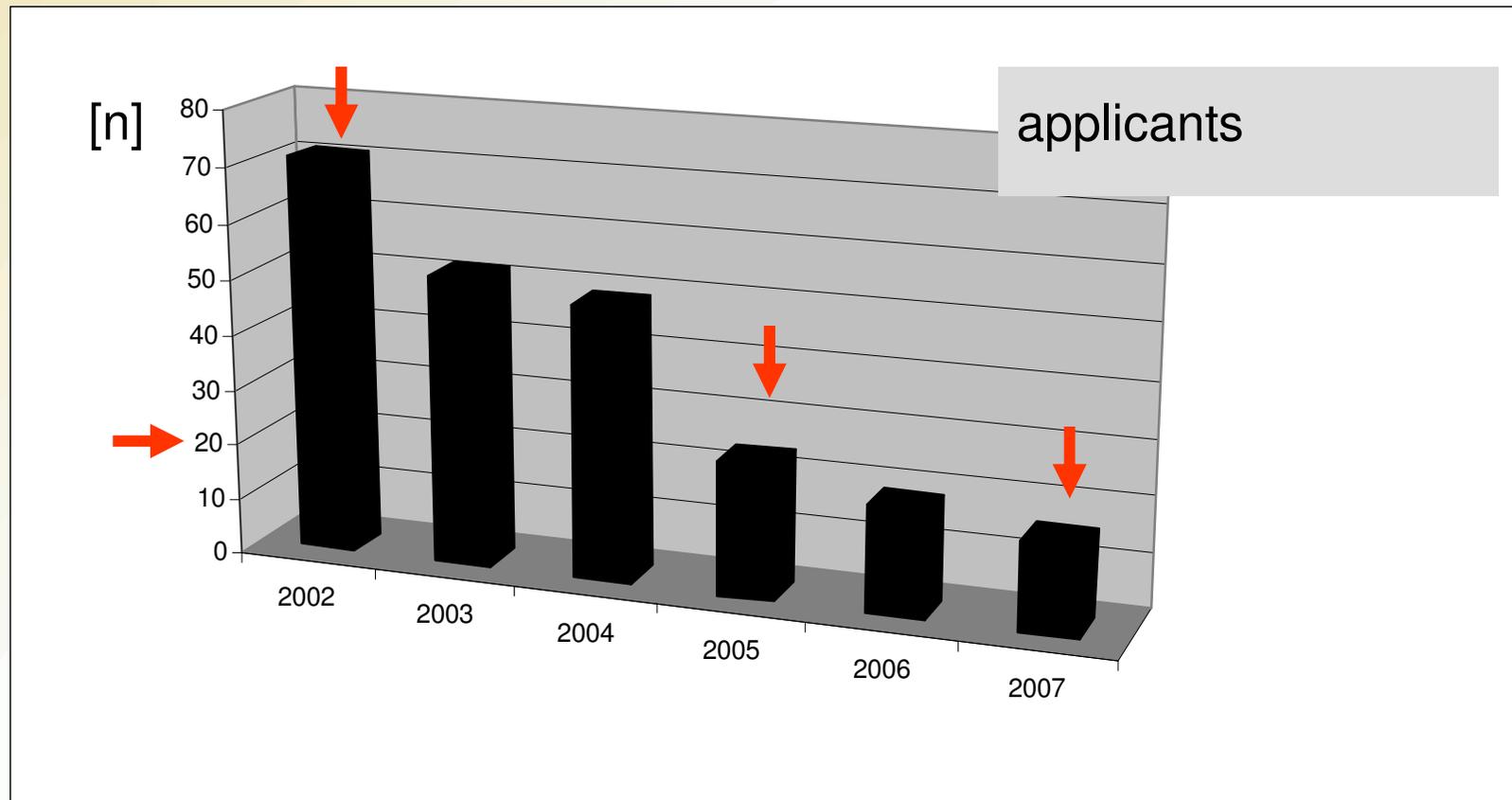
- Unique combinations of ecological, economical and management study courses
 - Excellent infrastructure (IT, laboratories, botanical garden, library...)
 - Efficient study in small classes / optimal „Prof./Students-Ratio“
 - Close cooperation with regional authorities and NGO's
 - Excellent strategical location (close to capital, biosphere reserve, national and regional research organisations...)
 - Large number of international co-operation programs
- ➔ **successfull international (master) programs ?**

Experiences



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Master Students (FIT)

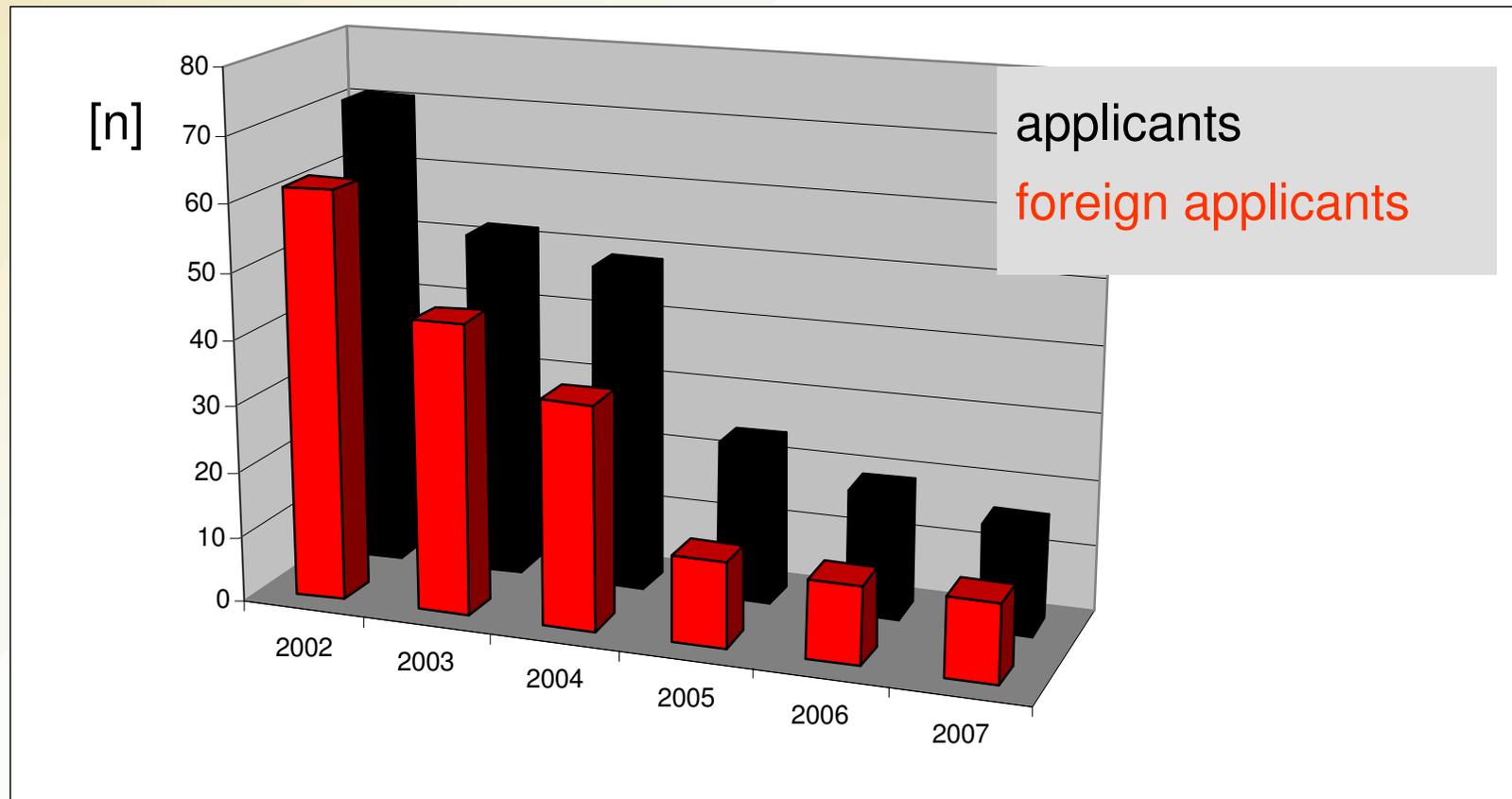


Experiences



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Master Students (FIT)

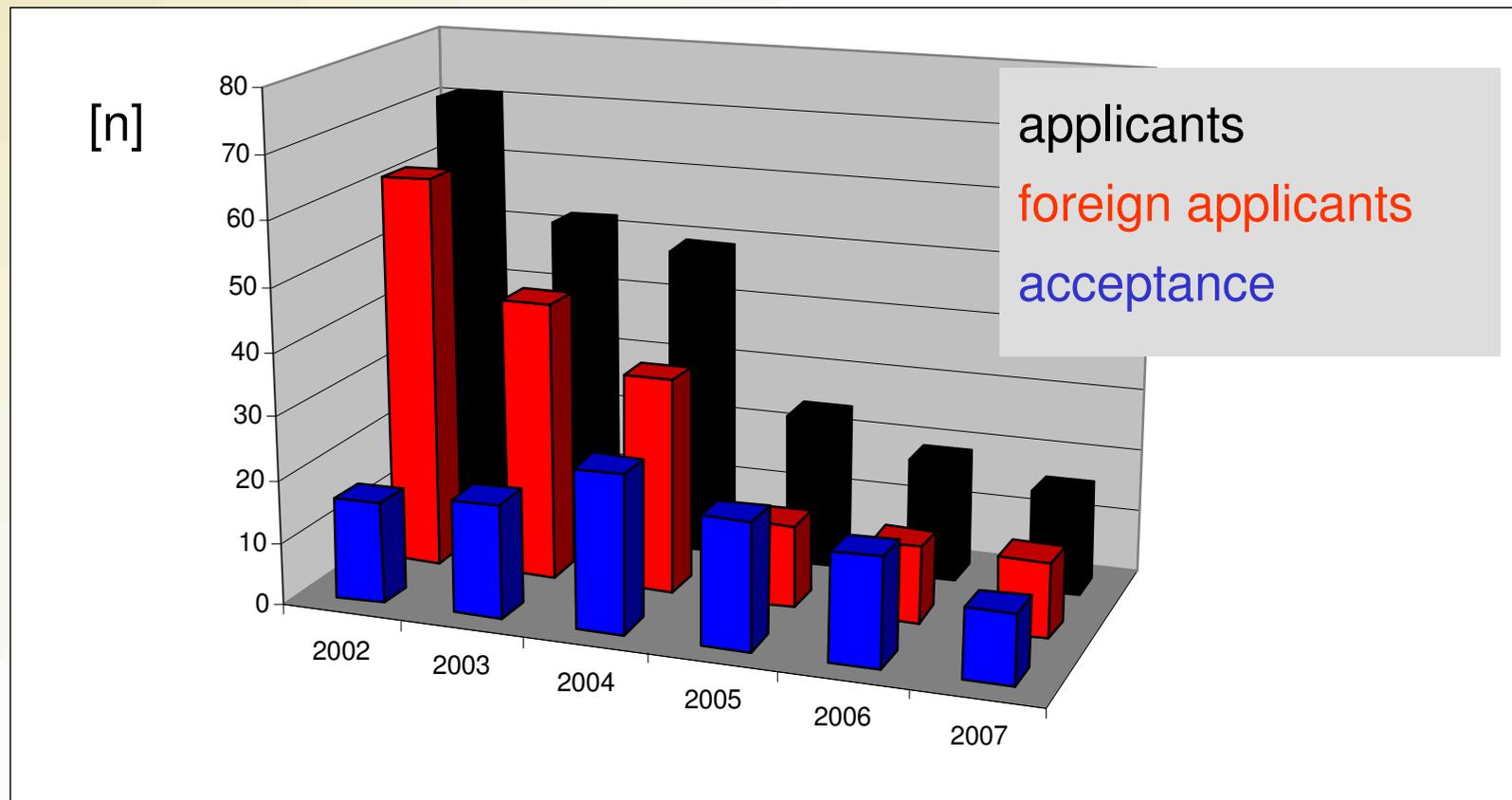


Experiences



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Master Students (FIT)

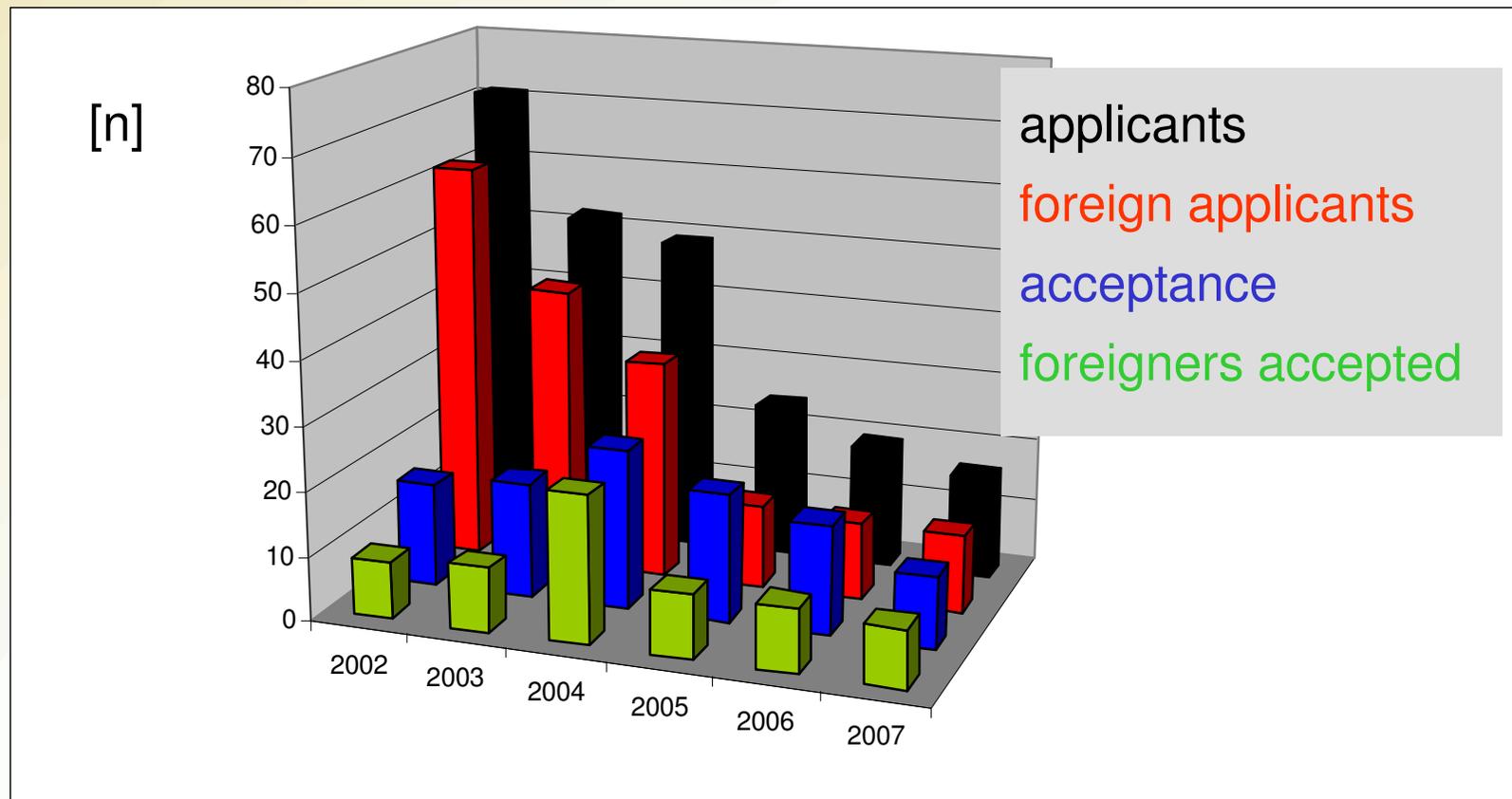


Experiences



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Master Students (FIT)

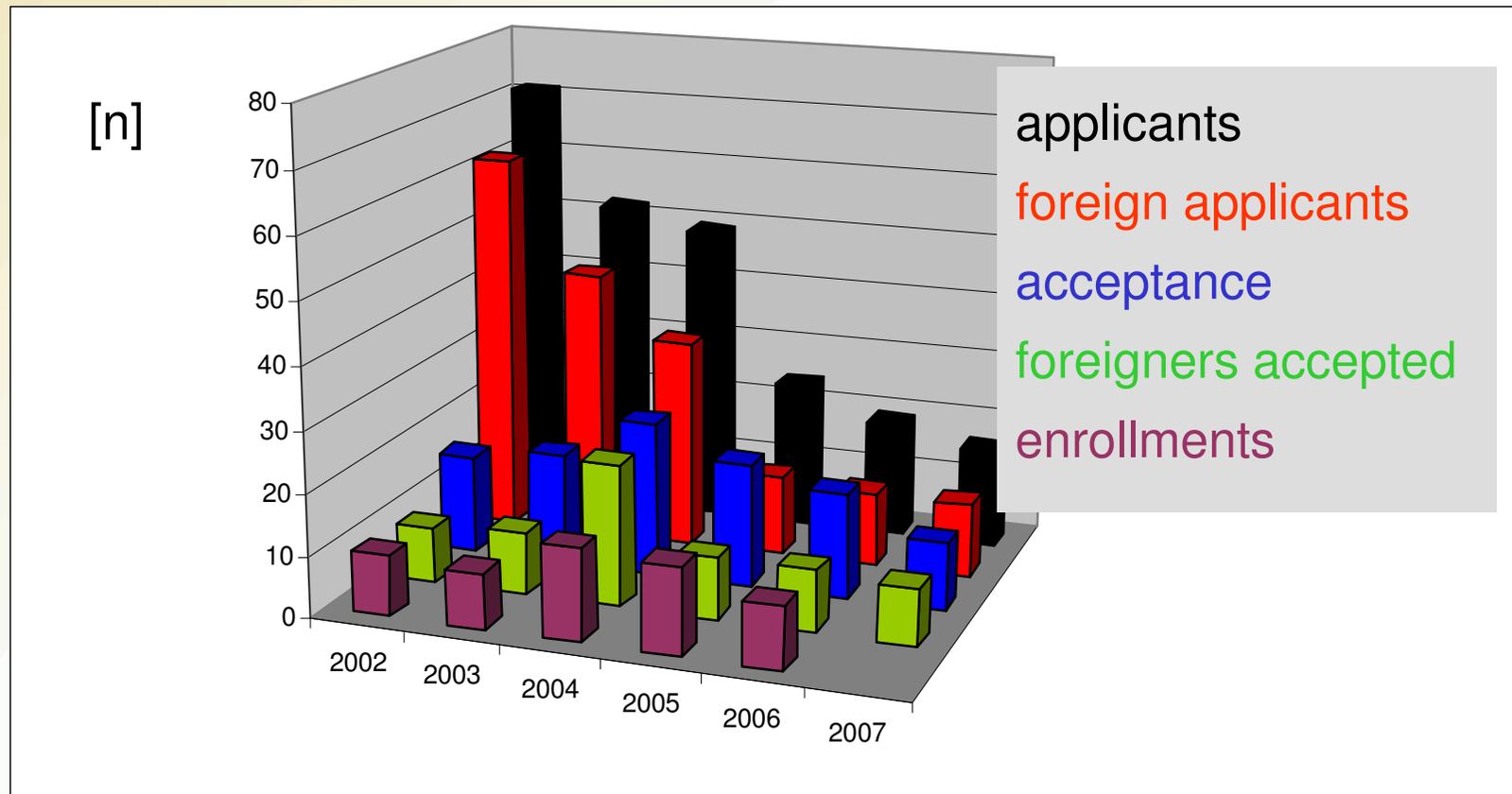


Experiences



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Master Students (FIT)

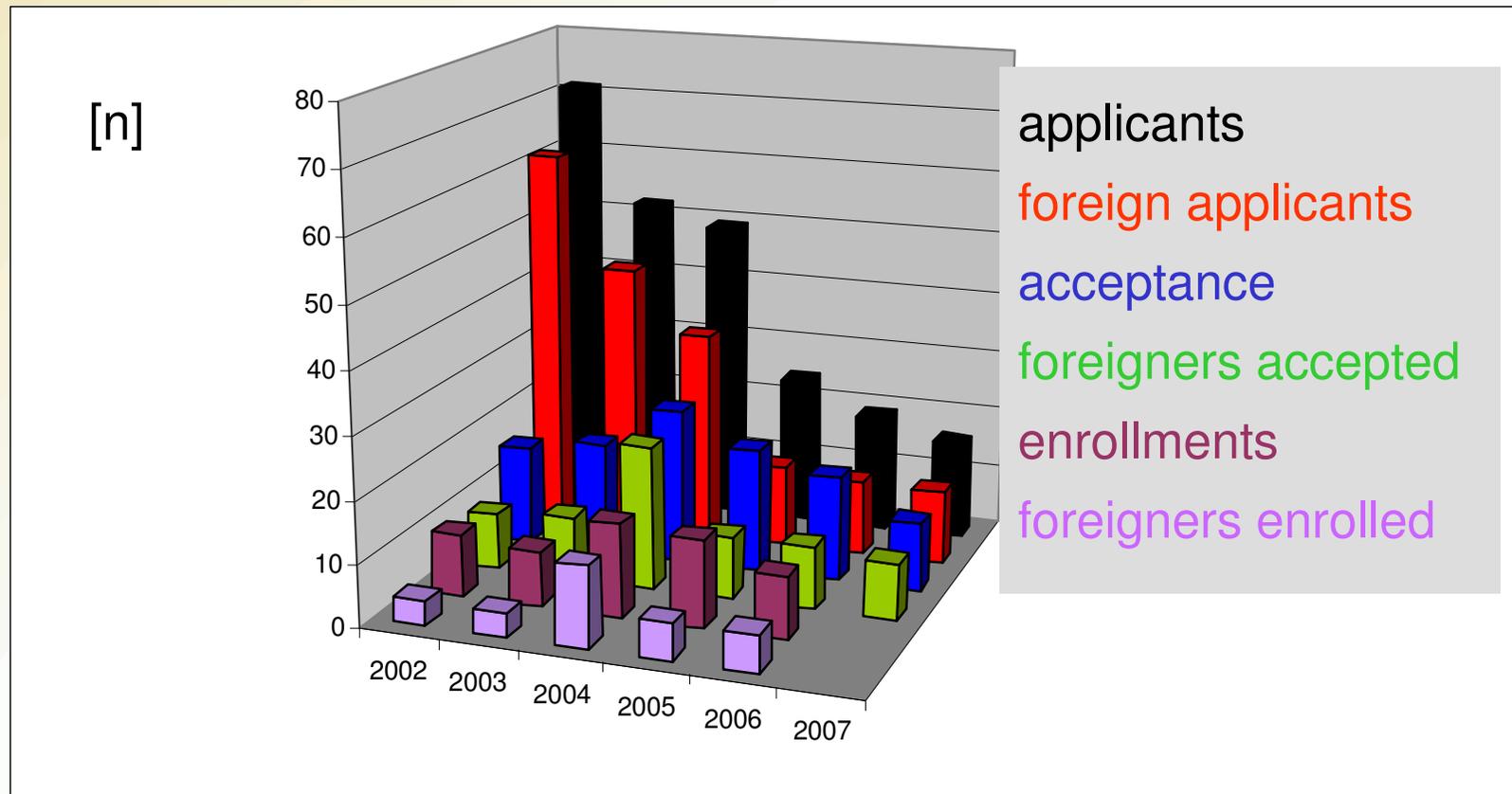


Experiences



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Master Students (FIT)

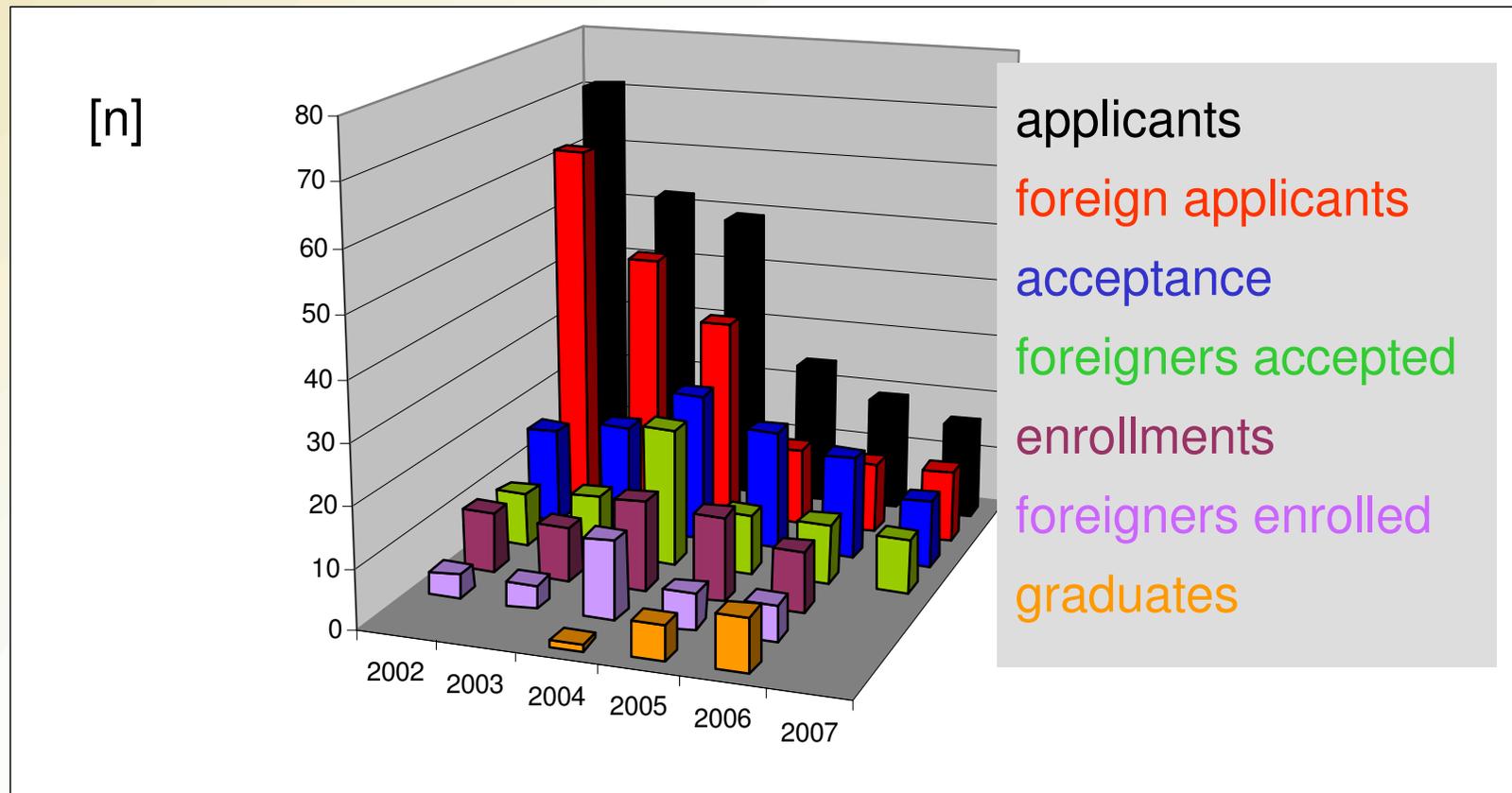


Experiences



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Master Students (FIT)

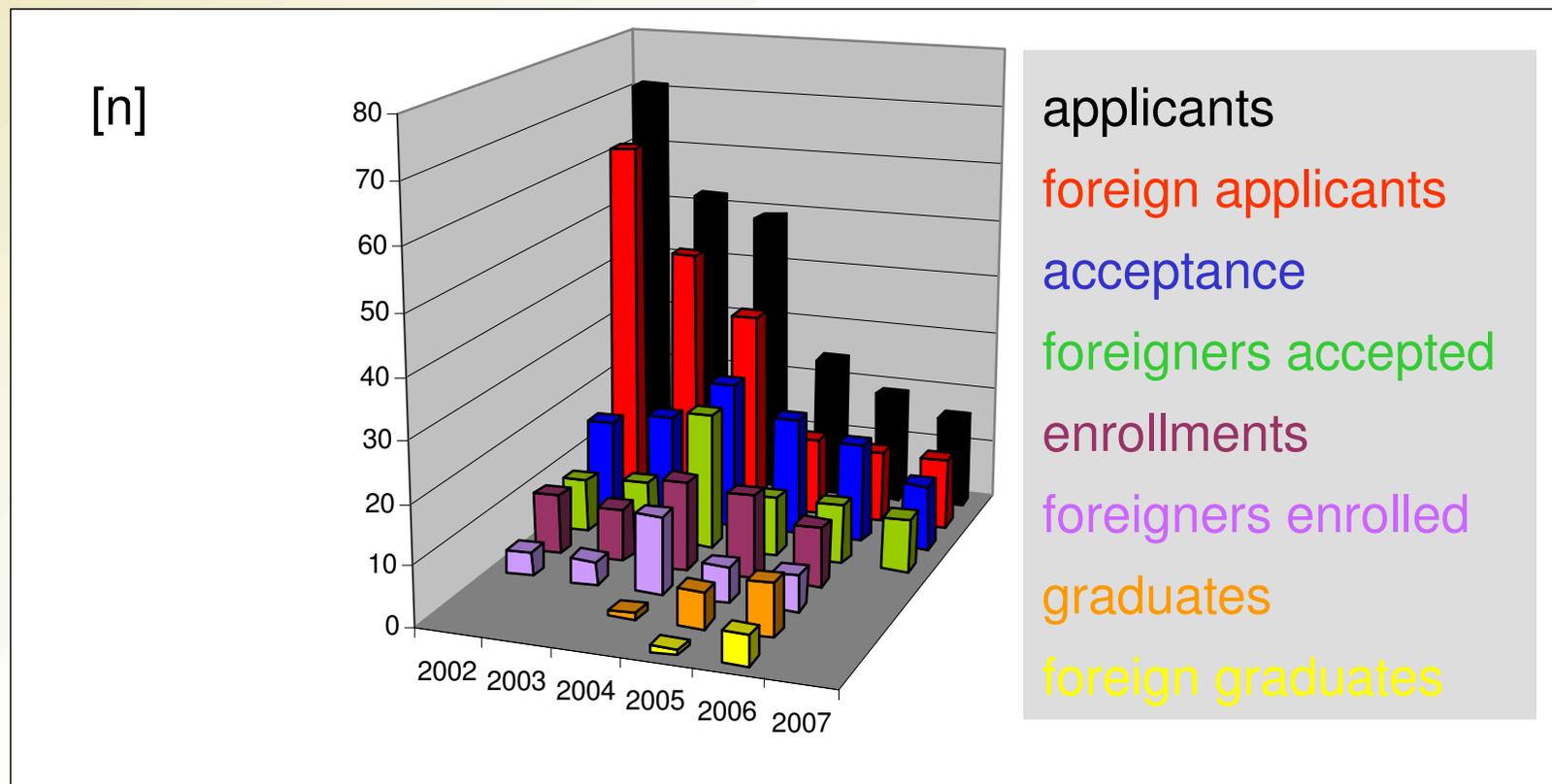


Experiences



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Master Students (FIT)



Experiences



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Master Students (GCM)

	2006	2007*
applicants	22	25
foreign applicants	3	4
acceptance	17	11
foreigners accepted	0	0
<u>enrollments</u>	<u>14</u>	

*preliminary (24.08.2007)



Experiences/Conclusions



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In spite of the supposed attractiveness (innovative programs, good studying conditions, good career opportunities) the number of (international) master students is only partly satisfying

Requirements: **to attract** + **to keep** students

Unsolved problems:

- increasing competition amongst (/within) universities
- reputation of Germany/East Germany/Eberswalde
- German language skills: studying - social integration
- financial situation of foreign students



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thank
you
for
attention