

**9th Annual Colloquium
on
International Engineering Education**

Newport, R.I., November 2 – 5, 2006

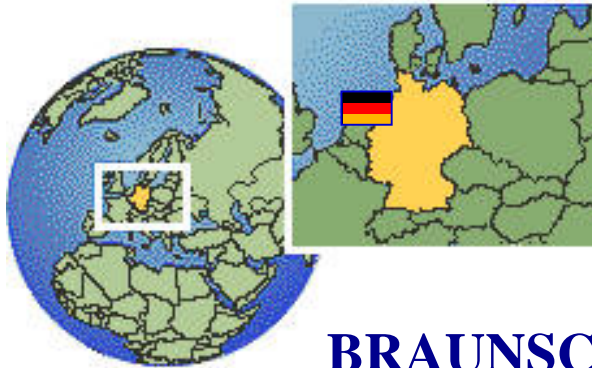
**Getting Started Workshop
Institutional Constraints/Opportunities**

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Germany and Braunschweig



BRAUNSCHWEIG



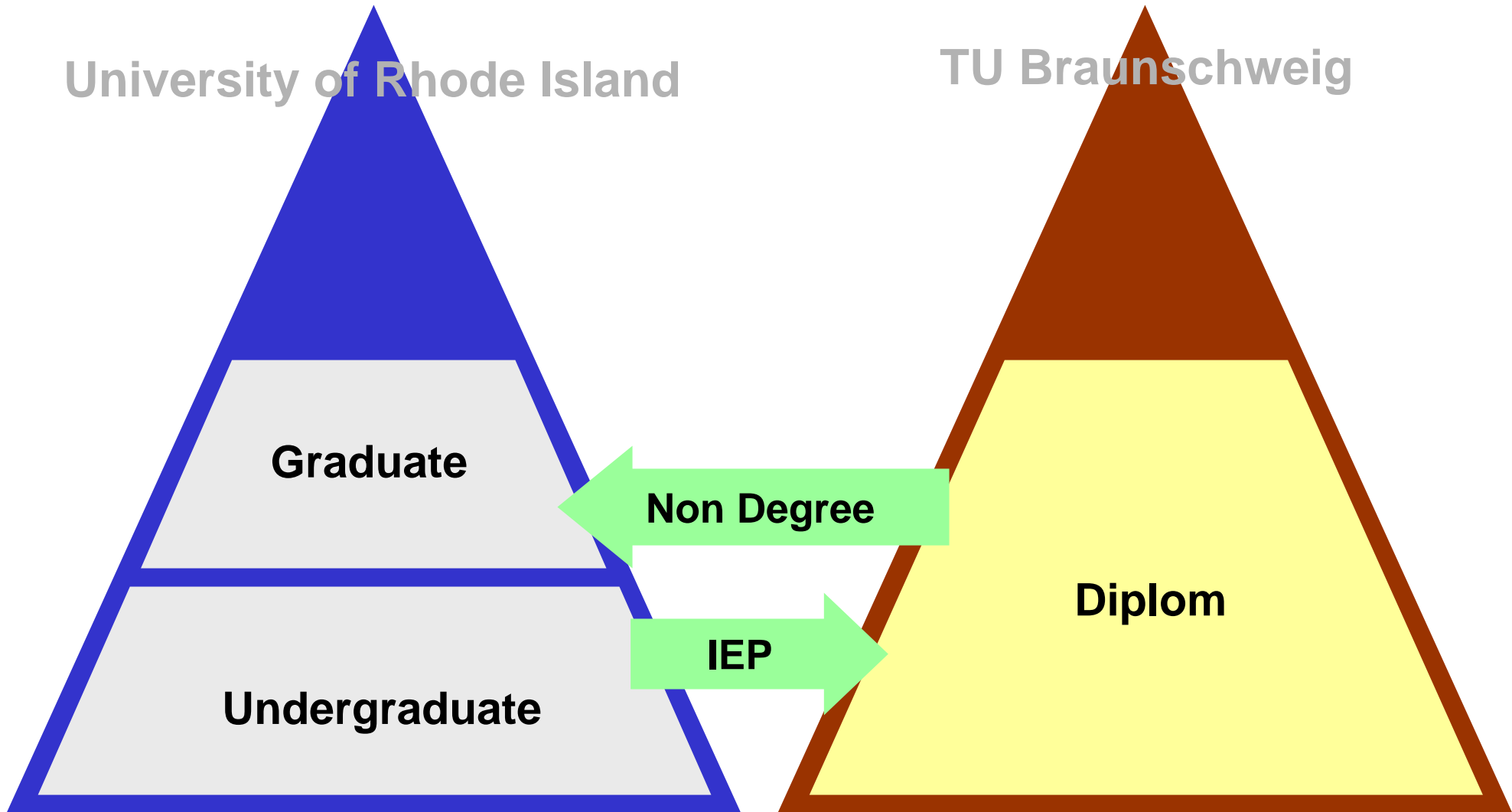
Institutional Constraints

- Different Organization of Degree Programs
- Tuition and Fees

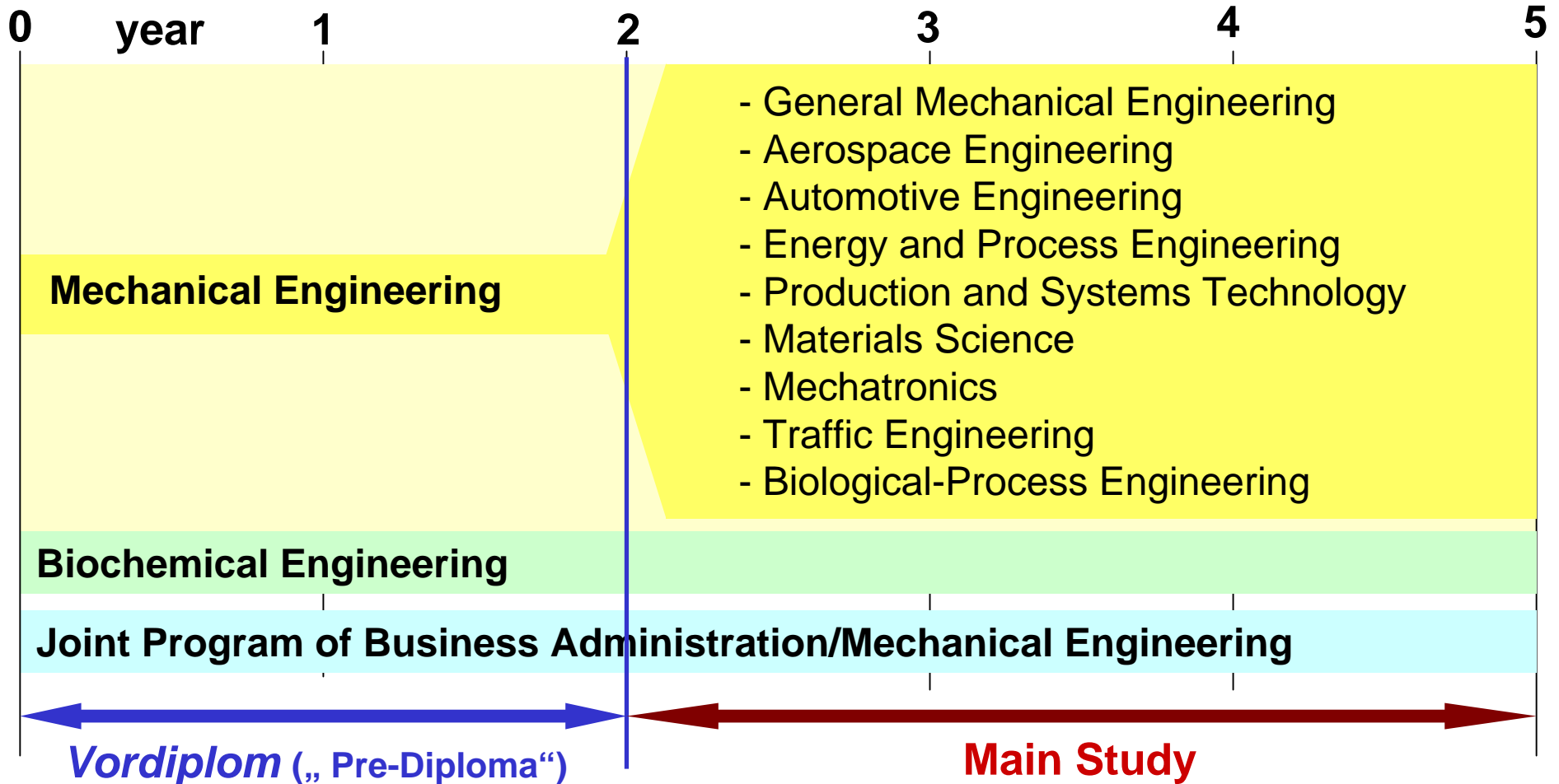
Different Organization of Degree Programs

University of Rhode Island

TU Braunschweig



Mechanical Engineering *Diplom* Study at TU Braunschweig



- 3 years, i.e. 6 semesters
- 30 ECTS-CP/sem. ⇒ 180 ECTS-CP

Opportunities



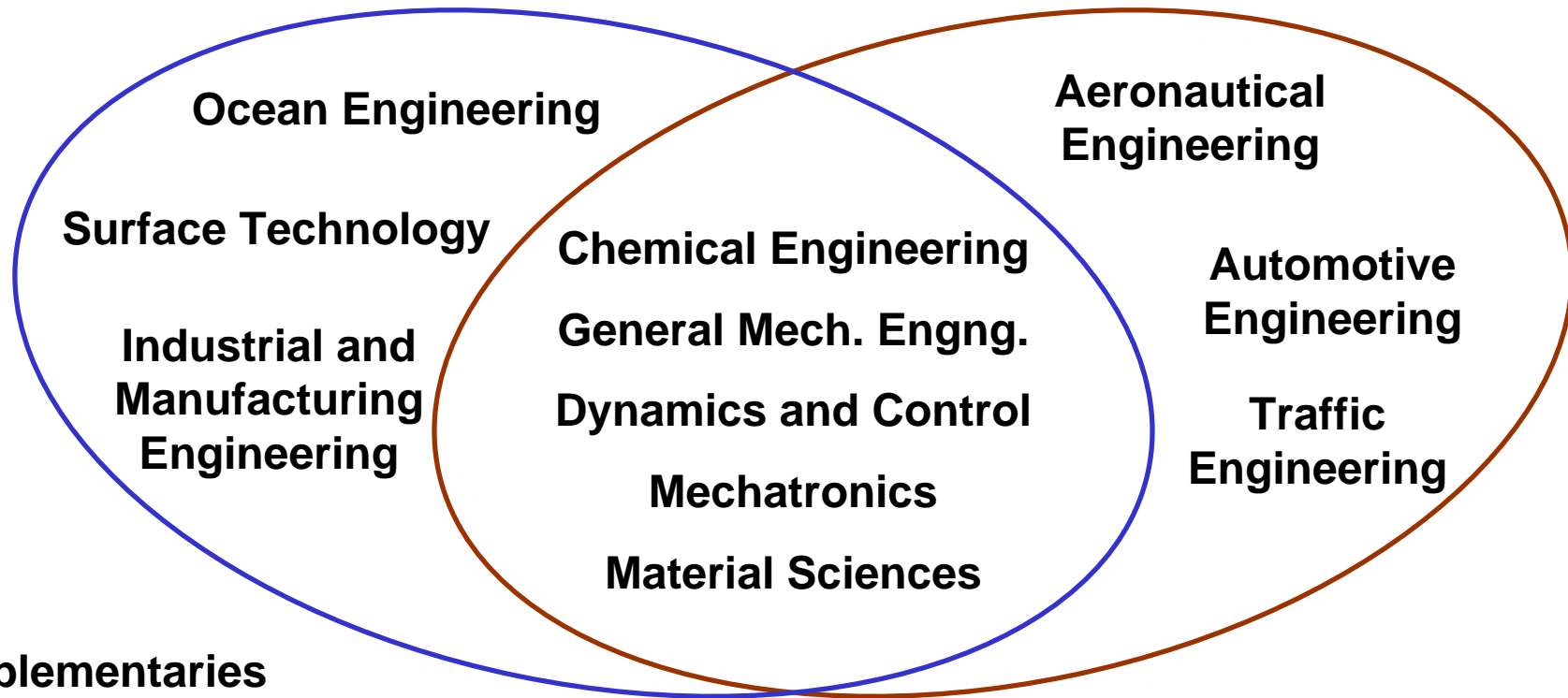
How is it Done in Detail?

- Students prepare *Plan of Study* that equally satisfies for M.S. at URI & Dipl.-Ing. at TU Braunschweig
- Plan of Study gets preliminary approval from both institutions prior to leave of home university
- *Exchange Plan* specifies equivalencies for imported courses
- Master or Diploma Thesis, resp. is written at host institution and imported to home university
- Students graduate upon return to home university

Balancing Equivalencies and Complementaries

Study Opportunities at URI

Study Opportunities at TU Braunschweig



Complementaries

- Create opportunities in new field
- Broaden own study program

Equivalencies

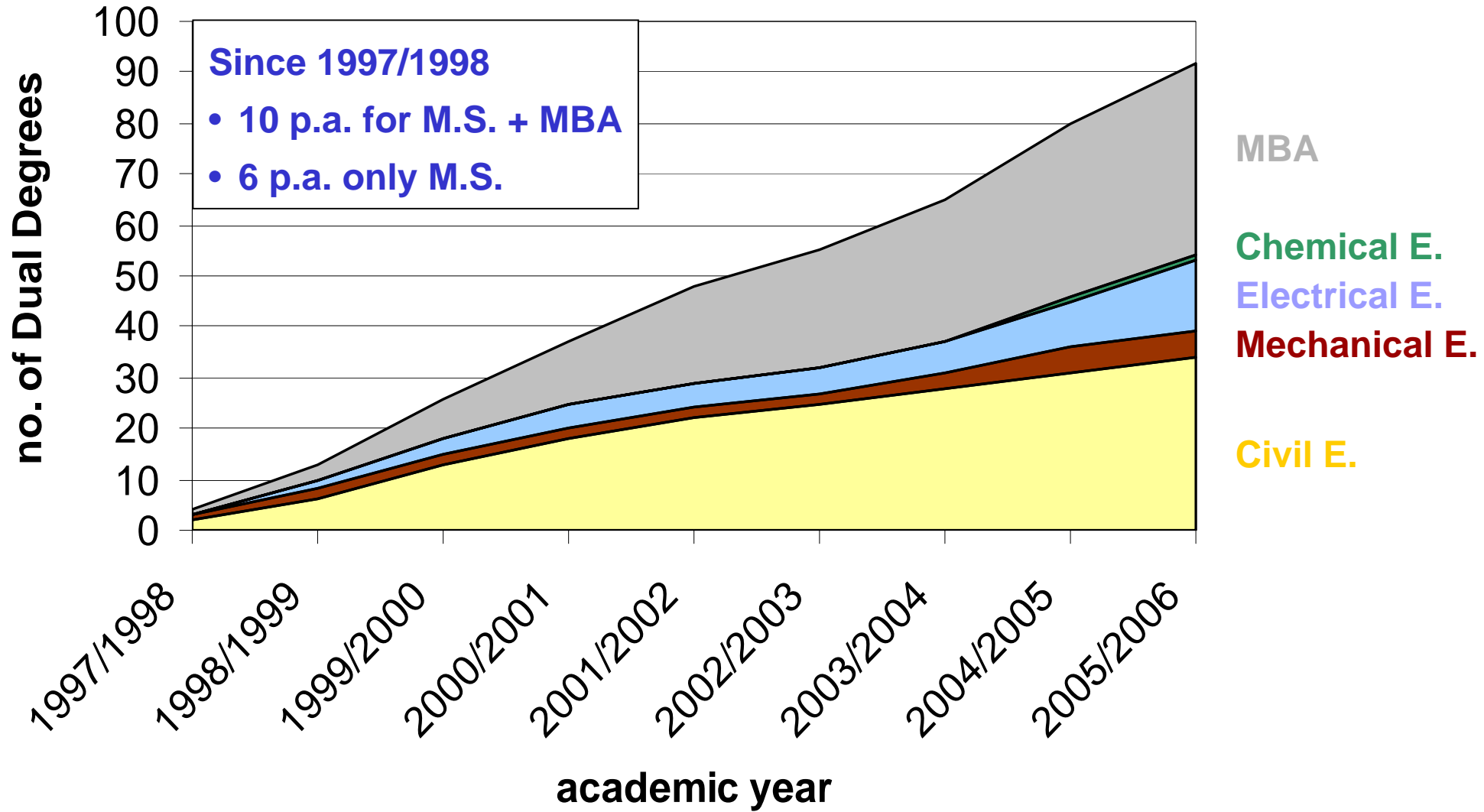
- Indispensable for Dual Degree cooperation
- Create flexibility

Exchange Statistics for all Programs: IEP, Non Deg., Dual Deg.

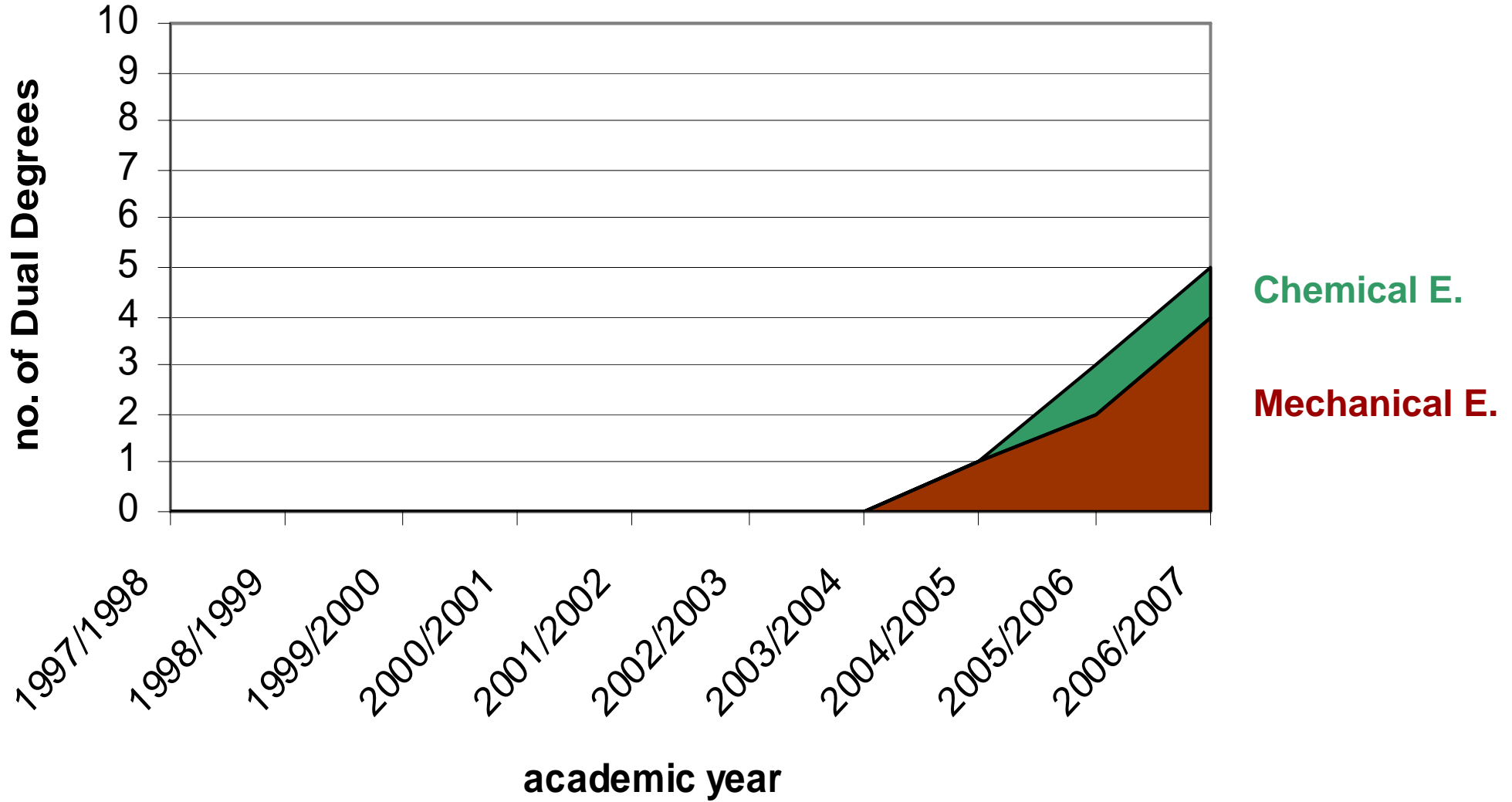
	URI to TU BS	TU BS to URI
1995 - 1996	5	5
1996 - 1997	9	9
1997 - 1998	13	12
1998 - 1999	14	12
1999 - 2000	15	16
2000 - 2001	13	14
2001 - 2002	20	24
2002 - 2003	15	15
2003 - 2004	21	15
2004 - 2005	21	16
2005 - 2006	12	14
2006 - 2007	22	14
Total:	180	166

Total # of Students Exchanged: 346 ⇒ Ø 29 students p.a.

TU Braunschweig Dual Degree Graduates



University of Rhode Island Dual Degree Graduates



What has worked for us?

- ❖ Equally value both systems
- ❖ Pick the right partner university & strategy
- ❖ *Exchange* programs are a two-sided story: No single-sided love!
- ❖ Involve the right people: Students, faculty, administration
- ❖ Create opportunities for face-to-face faculty meetings
- ❖ Support and enforce immersion into host university system, student and social life
- ❖ Establish incentive and mechanisms to import credits earned abroad
- ❖ Find a good balance of equivalent and complementary study & program elements
- ❖ Set up confirmed study plan *before* students leave home university
- ❖ Be generous and flexible
- ❖ Clearly distinguish curriculum from financial aspects – and address both properly
- ❖ Find support by University executives

Collaboration in All Phases of Academic Education

University of Rhode Island

TU Braunschweig

