

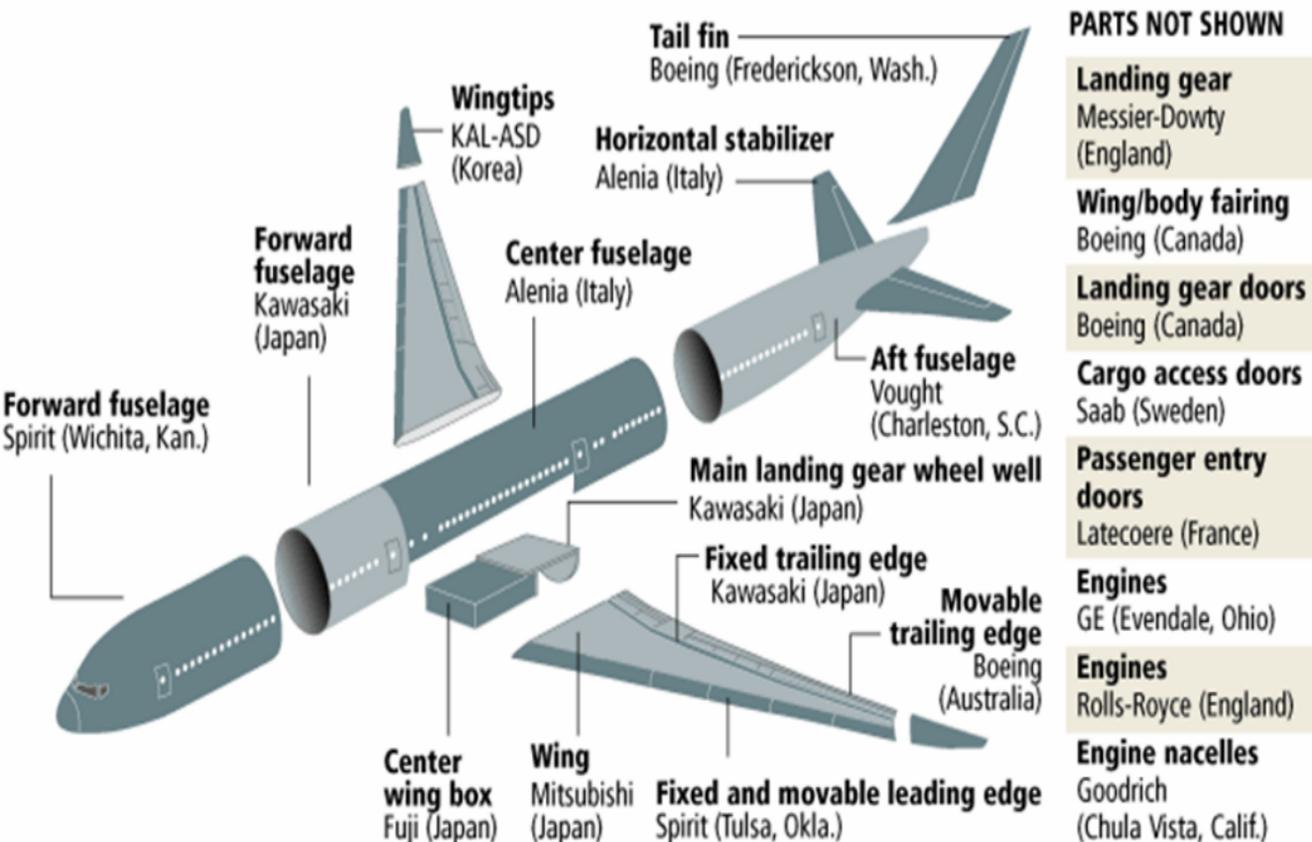
*Preparing Students
for the Global Workplace*



**The International
Engineering Program**
at the University of Rhode Island

IEP 1987-2008

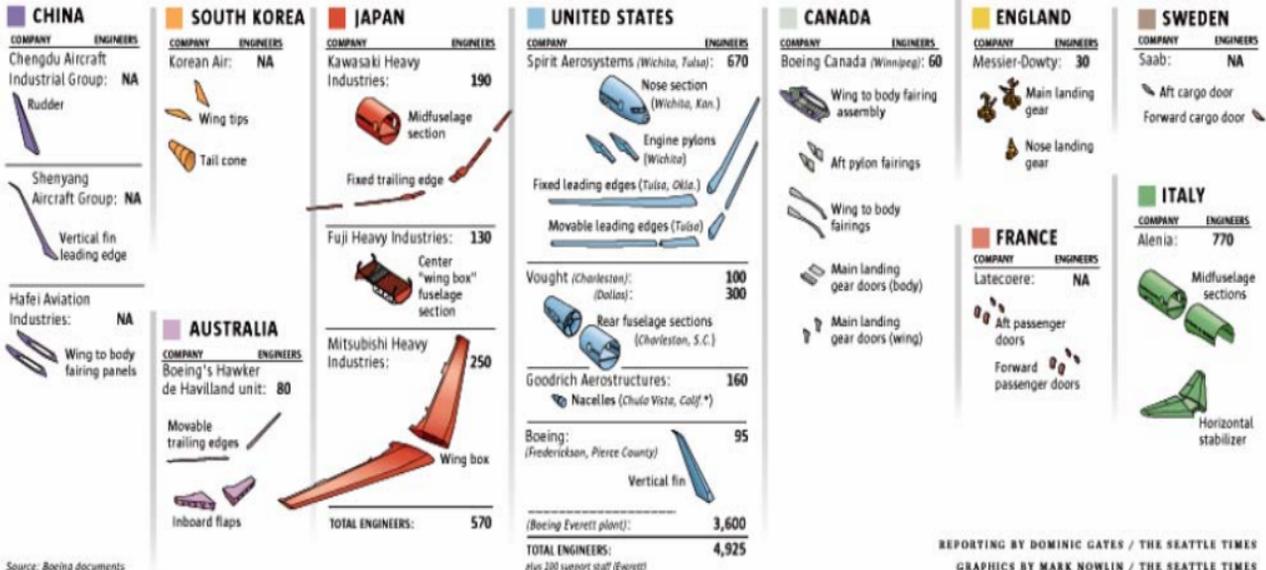
Boeing 787 Dreamliner



Boeing 787 Dreamliner

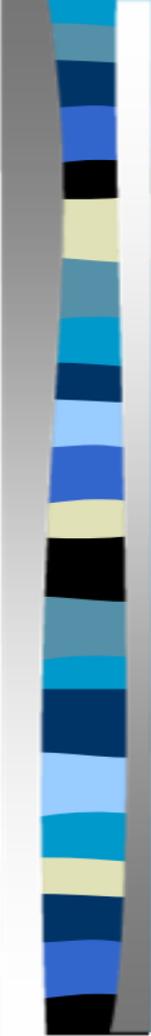
Who makes the parts and where the engineering jobs are

Numbers of engineers are projections for the end of 2005 made by Boeing's first-tier partners, and may not include all engineering specialties. Production workers are not included.



Source: Boeing documents

REPORTING BY DOMINIC GATES / THE SEATTLE TIMES
GRAPHICS BY MARK NOWLIN / THE SEATTLE TIMES



The International Engineering Program



1987-2008

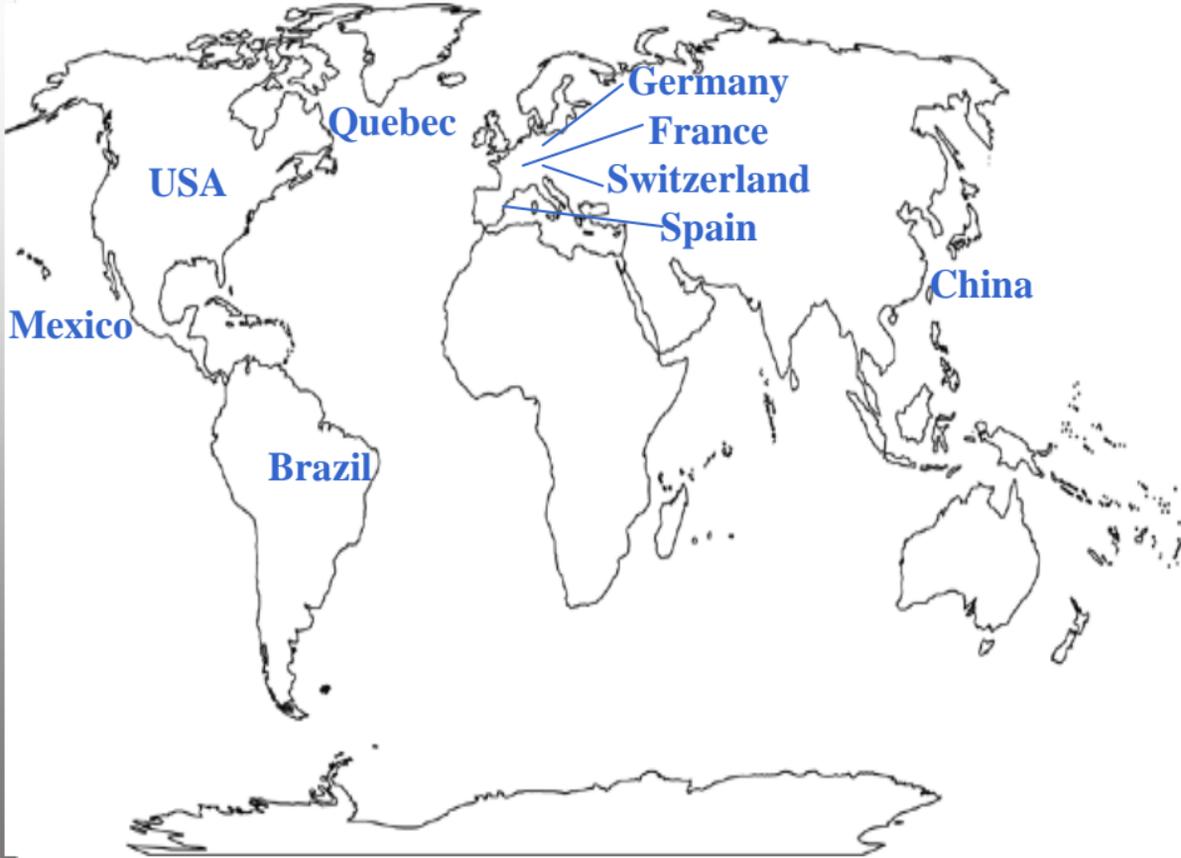
- 5-year Dual Degree
- B.S. in an engineering discipline
- B.A. German, French, Spanish, or Chinese
- Six-month paid internship abroad
- Semester study abroad

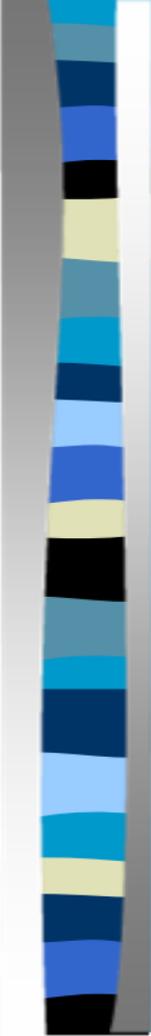


Our Students

- **220 Students** (120 German; 45 Spanish; 35 French; 20 Chinese)
- **20% of all engineering undergrads** at URI are in the IEP. All will study and intern abroad, and earn a second degree in a foreign language.
- **30% are women** (as compared to 17% of all College of Engineering undergrads)
- **55% are Presidential Scholars**
- **210 Graduates**

Internship Placements





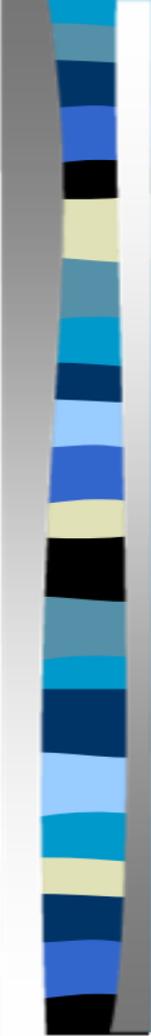
Some of our corporate partners

- BMW, DaimlerChrysler, Volkswagen
- TRW, ZF Friedrichshafen, Emitec
- Siemens, SAP, Pentair, Texas Inst.
- Agfa, Bayer, Beiersdorf, Axiva
- Lufthansa Technik, MTU
- Hilti, St. Gobain, Praxair, Hexagon
- ThyssenKrupp, Züblin, Preusse Bau

Student Exchange with TU Braunschweig

	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	13
2001-2002	20	25
2002-2003	15	15
2003-2004	21	16
2004-2005	21	16
2005-2006	12	14
2006-2007	24	14
2007 -2008	22	13
2008-2009	25	25
Total:	229	204

Total # of Students Exchanged: 433



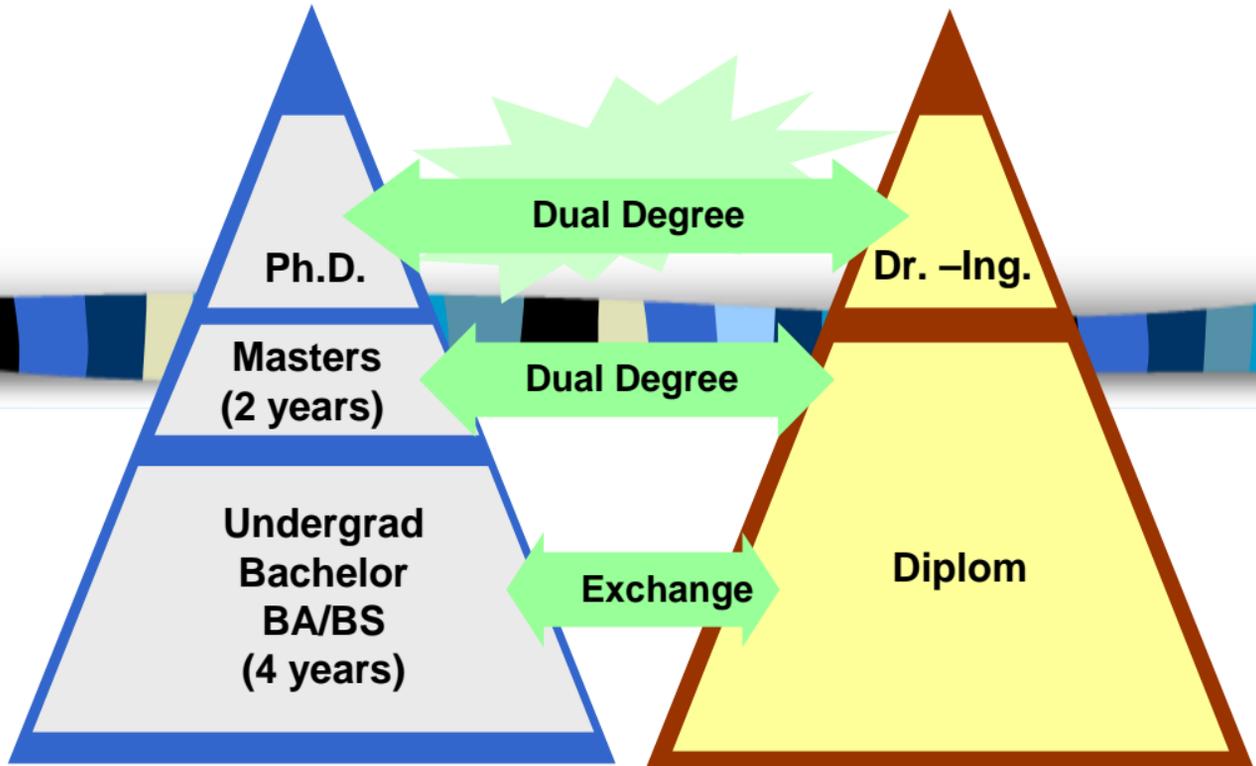
Dual Degree Graduate Programs

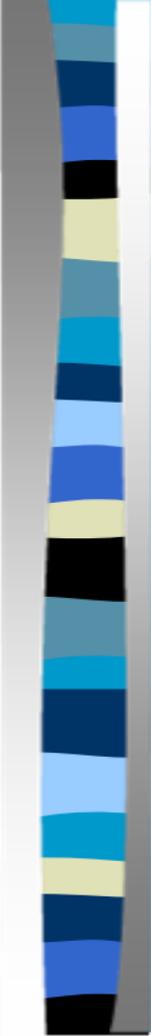
- Masters of Science/DiplomIngenieur
- Based upon recognition of equivalency
- Based upon joint acceptance of thesis
- Based upon full year at partner university
- Based upon faculty interaction/collaboration
- Supported by German government
- Supported by industry

- Next step: Dr. –Ing./Ph.D.

University of Rhode Island

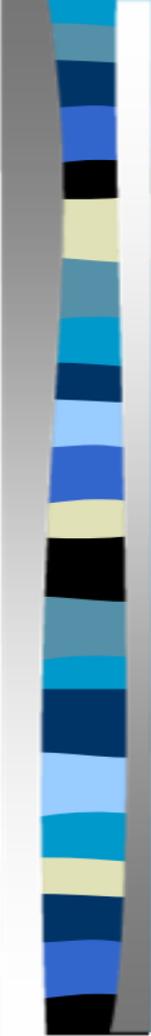
TU Braunschweig





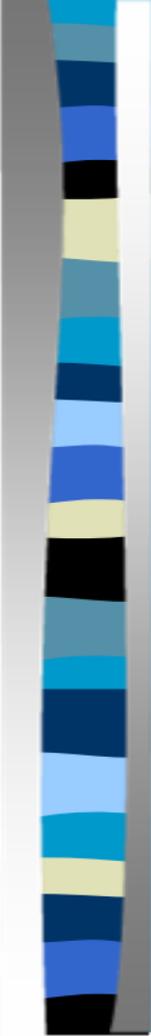
Masters/Diplom Dual Degree

- Braunschweig students
 - 47 completions
- URI students
 - 2 complete
 - 3 in Germany for second year
 - 4 in first year (at URI)



Dual Degree Doctorate

- Dr. der Ingenieurwissenschaften
 - More research-intensive
- Ph.D.
 - Additional coursework
 - Dissertation



China Initiative

- **University Partnerships**
 - Zhejiang University in Hangzhou
 - Summer programs
 - Semester/year programs
 - Research Collaboration

- **Summer Language Programs**
 - 2006 – 14 students
 - 2007 - 7 students
 - 2008 – 23 students

- **Potential Internships**
 - Texas Instruments, Sensata Technologies
 - ZF Friedrichshafen, Siemens
 - Pentair, Hexagon, Hasbro

- **Chinese at URI**
 - Chinese government support

- **Confucius Institute**

- **Honors Colloquium**



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Collaboration

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- Deans, Provosts, Presidents
- Public Sector Representatives
- Study Abroad Officers
- Co-Op / Internship Directors
- Students in Global Engineering Programs

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