

# RICE UNIVERSITY

## APPLIED PHYSICS GRADUATE PROGRAM

Houston, Texas 77005

<https://appliedphysics.rice.edu/>

### General University Information

*President:* David Leebron  
*Dean of Graduate School:* Seiichi Matsuda  
*University website:* <http://www.rice.edu>  
*Control:* Private  
*Setting:* Urban  
*Total Faculty:* 800  
*Total Graduate Faculty:* 500  
*Total number of Students:* 6,740  
*Total number of Graduate Students:* 2,861

### Department Information

*Department Chairman:* Dr. Kevin Kelly, Chair  
*Department Contact:* Carol Lively, Administrator  
*Total full-time faculty:* 112  
*Total number of full-time equivalent positions:* 112  
*Full-Time Graduate Students:* 60  
*First-Year Graduate Students:* 11  
*Female First-Year Students:* 4  
*Total Post Doctorates:* 4

### Department Address

6100 Main St  
01 Herman Brown Hall, MS-100  
Houston, TX 77005  
*Phone:* 713-348-3566  
*Fax:* 713-348-5320  
*E-mail:* [sciapp@rice.edu](mailto:sciapp@rice.edu)  
*Website:* <https://appliedphysics.rice.edu/>

### ADMISSIONS

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#### Admission Contact Information

*Address admission inquiries to:* Applied Physics Graduate Program, Rice University, 6100 Main St, MS-100, Houston, TX 77005

*Phone:* 713-348-3566  
*E-mail:* [sciapp@rice.edu](mailto:sciapp@rice.edu)  
*Admissions website:* <https://sci.rice.edu/applying>

#### Application deadlines

Fall admission:  
*U.S. students:* January 31      *Int'l. students:* January 31

#### Application fee

*U.S. students:* \$85      *Int'l. students:* \$85  
University Fee Waivers: - Vietnam Education Fellowship (VEF)  
- Nankai University Hundred Young Teachers Program - Mc-Nair Scholar Program - Fulbright Scholar Program - Institute for Recruitment of Teachers (IRT) - The National GEM Consortium (GEM) - Gulf Coast Undergraduate Research Symposium (GCURS)

#### Admissions information

For Fall of 2017:  
*Number of applicants:* 68  
*Number admitted:* 21  
*Number enrolled:* 11

#### Admission requirements

*Bachelor's degree requirements:* Average admitted students obtain a 3.63 GPA (on a 4 point scale).  
*Minimum undergraduate GPA:* 3.0

### GRE requirements

The GRE is required.  
There is no minimum for any section of the GRE exam. Those scores are evaluated in combination with all other aspects of the candidate's application. Average GRE scores for admitted Applied Physics students are in the range of V157 and Q164.

### Advanced GRE requirements

The Advanced GRE is not required.  
The GRE Physics subject exam is not required. If applicants have taken the Physics subject test, then scores should be indicated on the application.

### TOEFL requirements

The TOEFL exam is required for students from non-English-speaking countries.

*PBT score:* 600  
*iBT score:* 90

Students who have obtained an undergraduate degree from an English-speaking university may have the TOEFL requirement waived. Students may also take the IELTS in lieu of the TOEFL. The IELTS minimum accepted score is 7. The average TOEFL iBT score for admitted international students is 100, and the average IELTS score is 7.5.

### TUITION

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Tuition year 44,900:  
*Full-time students:* \$22,450 per semester  
Part-time students are not accepted into the Applied Physics Graduate Program.  
*Credit hours per semester to be considered full-time:* 9  
*Deferred tuition plan:*  
*Health insurance:* Available at the cost of \$893 per year.  
*Other academic fees:* A tuition waiver is provided for all students receiving the minimum stipend required per semester (\$8,000).  
*Academic term:* Semester

### Teaching Assistants, Research Assistants, and Fellowships

Average stipend per academic year  
*Fellowship student:* \$30,500

### FINANCIAL AID

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#### Application deadlines

Fall admission:  
*U.S. students:* May 15      *Int'l. students:* May 15

#### Loans

Loans are available for U.S. students.  
Loans are available for international students.  
*GAPSFAS application required:* No  
*FAFSA application required:* Yes

#### For further information

*Address financial aid inquiries to:* Office of Financial Aid, Rice University, PO Box 1892, MS-12, Houston, TX 77251-1892.  
*Phone:* 713-348-4958  
*E-mail:* [fina@rice.edu](mailto: fina@rice.edu)  
*Financial aid website:* <http://financialaid.rice.edu>

## Texas

### HOUSING

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#### Availability of on-campus housing

*Single students:* No

*Married students:* No

#### For further information

*Address housing inquiries to:* Rice Graduate Apartments, ATTN: Manager, 1515 Bissonnet St, Houston, TX 77005.

*Phone:* 713-348-5440

*E-mail:* gradapts@rice.edu

*Housing aid website:* <http://campushousing.rice.edu/>

### GRADUATE DEGREE REQUIREMENTS

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**Master's:** Students admitted to our Ph.D. program with a bachelor's degree are required to earn the thesis M.S. within the program before proceeding to the Ph.D. A total of 9 academic courses is required, with a GPA of 3.0 or better, and research hours. Students are expected to achieve the MS within 3 year.

**Doctorate:** Students admitted to the Ph.D. program are required to complete 90 hours of credit for coursework and research, beyond the bachelor's degree. Four semesters of full-time study at Rice are also required.

**Thesis:** The MS is written in lieu of any qualifying exams or preliminaries.

### FACULTY

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#### DEPARTMENTAL RESEARCH SPECIALTIES AND STAFF

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##### Theoretical

Biomedical Optics.

Carbon Nanotube Technology.

Computational Imaging.

Graphene and 2D Systems.  
Heavy Fermion Superconductors.  
Metamaterial Lenses.  
Modeling Quantum Criticality.  
Motor Protein Dynamics.  
Nanocatalysts for Clean Energy.  
Nanodevices for Neuroscience.  
Nanoparticle-Based Theranostics.  
Plasmonic Nanostructures.  
Polymer Photovoltaics.  
Superresolution Microscopy.  
Terahertz Spectroscopy.  
Topological Insulators.  
Translational Medical Devices.  
Ultracold Atoms and Plasmas.

##### Experimental

Biomedical Optics.  
Carbon Nanotube Fibers.  
Computational Imaging.  
Graphene and 2D Systems.  
Heavy Fermion Superconductors.  
Metamaterial Lenses.  
Modeling Quantum Criticality.  
Motor Protein Dynamics.  
Nanocatalysts for Clean Energy.  
Nanodevices for Neuroscience.  
Nanoparticle-Based Theranostics.  
Plasmonic Nanostructures.  
Polymer Photovoltaics.  
Superresolution Microscopy.  
Terahertz Spectroscopy.  
Topological Insulators.  
Translational Medical Devices.  
Ultracold Atoms and Plasmas.

**View additional information about this department at  
[www.gradschoolshopper.com](http://www.gradschoolshopper.com)**