

Assistant / Associate / Full Teaching Professor of Mathematics

Shanghai Jiao Tong University - UM-SJTU Joint Institute

Location: Shanghai, China

Position: Full time, teaching only

Contract: Multi-year, renewable

Salary range: From 260,000 CNY

About us: The UM-SJTU Joint Institute was established jointly by the University of Michigan and Shanghai Jiao Tong University in 2006 with the vision of being the first and foremost international engineering institute in China and one of the best in the world. The Joint Institute offers Bachelor, Master and PhD programs in engineering, following the curriculum of the University of Michigan. All classes are taught exclusively in English. It has a top-tier faculty team and an extremely talented and motivated student body. Graduates are routinely placed at postgraduate schools of top universities around the world and recruited by multinational companies.

To find out more about UM-SJTU Joint Institute, please visit <http://umji.sjtu.edu.cn>.

About the position: The Joint Institute is looking for an instructor to teach undergraduate and graduate mathematics courses for engineering students. Depending on the applicant's experience, a title of Assistant, Associate or Full Teaching Professor is offered.

Responsibilities: Teaching responsibilities include delivering up to 6 classes per academic year, each requiring 3 to 4 academic hours of lectures and 2 hours of office hours per week based on a term length of 15 weeks. (These numbers will be slightly different for laboratory courses.)

The instructor will select and supervise student Teaching Assistants who will help with grading, conduct recitation classes and perform other administrative duties.

Apart from teaching, the instructor is expected to participate in other institutional activities, including curriculum development, committee service, course evaluations etc.

While the position does not entail any research responsibilities, such collaboration with engineering, physics, and mathematics faculty will be encouraged if desired.

Remuneration and Benefits: Depending on the applicant's experience and skills, the base salary starts at 260,000 CNY per annum for Assistant Teaching Professors. In addition, a lump sum equal to 10% of the base salary is offered in lieu of pension and other social benefits. Comprehensive health insurance in China is provided, with optional coverage extending to the rest of the world and covering immediate family members. The Joint Institute will help new faculty apply for a transitional apartment provided by SJTU at a preferential rent. A financial housing benefit for rented apartments is also available.

Requirements: Applicants are expected to have a doctoral degree in mathematics, physics or a related field and native-level English language skills (native speakers are preferred). Working experience of two years or more after obtaining the doctoral degree, as a post-doctoral student or as an instructor, is normally required.

Experience in teaching undergraduate and/or graduate courses in mathematics is required, including (but not limited to) subjects such as single- and multi-variable calculus, differential equations, and linear algebra. In addition, experience in a more specialized subject such as probability theory and statistics, numerical analysis or other area is desirable.

Experience in the use of a computer algebra system and teaching experience or an additional background in physics, computer science or engineering is an advantage.

A successful applicant will be passionate about teaching, willing to stay in Shanghai for a period of at least several years and will consider a long-term commitment to teaching at the Joint Institute. In support, the position provides for a career title progression in the “Teaching Professor” track, analogous to that of research faculty, but without tenure. An applicant’s living experience in China and/or personal connection to China will be an advantage.

Application Material:

- Cover letter with details on background and qualifications
- Complete Curriculum Vitae
- Copy of degree certificates
- Names of three references
- Other supporting material

Applications should be submitted by email to Ms. Wendy Dai at ji-hr@sjtu.edu.cn. (Please indicate the position in the subject of the email.)