APPLICATION PROCESS

BP has a 2-step application process.

1) Submit your resume to 1 job posting through career services or academic department as appropriate. Students who apply for multiple job postings will only be considered for 1 interview schedule.
2) Upload your resume plus transcript and complete your online application by the resume submission deadline at www.bp.com/uscampus.

NOTE: Students must complete both steps in order to be considered for an on-campus interview.

BP GENERAL INFORMATION

BP is the largest producer of oil and gas in the US, and one of the largest in the world. We employ over 80,000 people and operate in over 80 countries worldwide. We own multiple refineries around the globe, a fleet of more than 80 ships and 25,000 miles of pipeline. We explore and produce in Arctic conditions, and operate onshore and in deepwaters. And, we do it all with one thing in mind: to provide heat, light and mobility to people without compromising the planet.

We are also among the world's most progressive large enterprises. In 1997, we were the first major energy company to acknowledge the need for precautionary action to reduce greenhouse gas emissions. Today BP continues to lead the effort to meet the world's growing demand for sustainable energy.

Here at BP, we're proud of what we do, who we are and what we stand for. We invite you to consider us and Look beyond the limits.

SEGMENT INFORMATION

Integrated Supply & Trading (IST)

At BP, energy trading comes together in our global Integrated Supply and Trading (IST) group. It is where we link our experience, as a leading energy producer and marketer, with our knowledge of specific markets to provide customers with the energy products and service they need, whether oil, gas, electrical power, chemicals, finance, or a combination of these. It takes innovative thinking...knowledge...teamwork...creativity - characteristics that make for a challenging and highly stimulating environment for people working in IST.

Our expertise and reputation are built around our people, systems and information flows. We operate across all BP's businesses, touching 60-65% of the Group’s turnover, providing the commercial face of BP to the traded commodity and financial markets. BP's IST professionals working in 35 countries make us one of the largest energy supply and trading firms in the world.

Energy markets provide some of the most challenging trading environments for individuals looking to succeed in the trading arena. The ever shifting geo-political, regulatory and environmental landscape provides a unique opportunity for high potential candidates.

CAREER DEVELOPMENT INFORMATION

Internship Program

As a first step, nothing prepares you better for a career than to gain real world experience. Our associate program provides hands-on, career-specific experience working full-time, usually during summer breaks. You will work on real projects that deliver tangible benefits and measurable results. At the same time, you will have the opportunity to learn about and help to solve some of the most important issues we face. You will experience genuine teamwork, and work alongside highly qualified and experienced colleagues, while you work on live projects and operations, using the latest equipment and technology. Every year, we take around 250 interns studying a range of disciplines into our summer internship program, many of whom go on to join us full-time when they graduate. Opportunities exist in all major areas of BP to explore your career aspirations and develop the technical and professional skills you will need for a successful career, while earning a competitive salary and learning about the world of business.
At the beginning of your assignment, we discuss with you the skills we hope you will develop and encourage you to keep a record of your progress. All associates are supported by a line manager who sets your objectives with you and ensures you have the training and equipment to succeed. A detailed and focused appraisal process is essential to ensure that you get the most from your experience. Your line manager will monitor your progress and discuss it with you throughout the internship, and specifically during a mid-internship appraisal. This helps you to see where you are succeeding and what else is needed before the end of the program. Additionally, you will also be assigned a mentor/buddy who helps network you across BP, discusses your progress and can address any questions you have. The associate program also provides many opportunities for networking, social events and professional development.

**AREA OF OPPORTUNITY**

**Quantitative Analyst Intern**

The IST Quantitative Analytics team comprises approximately fifteen analysts and spans the five regional businesses that together form the global trading organization that is IST. The team provides analytical support to the commercial teams across oil, gas, LNG, power and emissions in North America, Europe and Asia. Members of the team are responsible for the following:

- Working with the commercial and risk teams to develop new valuation and hedging models for physical assets and exotic structured transactions
- Implementing models and tools in C++ for use by the commercial teams across the global organization
- Working with the functions and technology teams to deploy proprietary valuation models in the business
- Performing novel research to support energy and commodity trading and marketing
- Providing calibration assistance for complex valuation models
- Undertaking back-testing analysis to demonstrate the appropriateness of a model or hedging strategy
- Maintaining constant connectivity with the commercial teams and functions in support of creating incremental value and understanding risk better
- Collaborating with quantitative analyst team members located in the other regional businesses to deliver enterprise-grade solutions

**Roles & Responsibilities:**

1. Derivatives valuation
   - Design and implement valuation models in C++
   - Maintain knowledge of quantitative models and methods used across asset classes
   - Understand a model’s strengths, limitations and calibration requirements
   - Communicate results to the commercial teams and functions

2. Design and conduct research studies
   - Analyze data to support and advance the trade floor capabilities in the above tasks
   - Report information as needed to the commercial stakeholders

Associates will be assigned a well-defined project which can be completed within 12 weeks and supports the team’s efforts. This provides a meaningful experience for the associates as well as benefiting BP.

**LOCATION**

Houston, Texas

**CANDIDATE QUALIFICATIONS**

- Must have cumulative and major GPA of 3.0 or higher
- Must be available for a continuous 12 week period for duration of internship
- Pursuing Masters or PhD in Computational Analytics, Mathematics, Physics, Applied Mathematics, Statistics, Computer Science or Electrical Engineering
- Graduating in December 2015 through August 2017
- In-depth understanding of quantitative modeling
- Prefer experience in applying quantitative modeling techniques to the trading, valuation and management of assets and structured transactions, such as exotic options, tolling, power plants, pipelines, storage
- Highly skilled in financial mathematics, applied mathematics methods, statistical analysis, optimization, forecasting
- Working knowledge of programming required, knowledge of statistical packages preferred
- Ability to work in a high-pressure, competitive environment
- Commercial focus
- Strong communication skills, both written and verbal
- BP will not support U.S. Immigration sponsorship for this role

If you are selected for the position, your employment will be contingent upon submission to and successful completion of a post-offer/pre-placement drug and alcohol screening as well as pre-placement verification of the information and qualifications provided during the selection process. BP is an equal opportunity employer.