| Company Overview: | Shell Oil Company  
Shell is a global group of energy and petrochemical companies, employing approximately 90,000 people and operating in more than 80 countries and territories. In the United States, Shell has operations in 50 states and employs about 20,000 people. Shell is a leading oil and gas producer in the deepwater Gulf of Mexico, a recognized pioneer in oil and gas exploration and production technology and one of America’s leading oil and natural gas producers, gasoline and natural gas marketers and petrochemical manufacturers.  
At Shell, we believe our talent is the key to global progress. We are at the leading edge of corporate innovators who make the world a better place by providing the energy it needs not only to survive but also to power its future progress. Our approach is small scale, we start as individuals and project teams, creating a positive and empowered culture where success happens naturally. We harness the power of diversity and collaboration to achieve collective greatness. Our achievements are more human than financial. Our ambitions are more personal than corporate. We use our scale to ensure our solutions have the potential to make a positive and significant difference. At Shell, our commitment to human ingenuity gives each of us our sense of purpose. Human ingenuity turns inspiration into ideas, ideas into solutions, and solutions into global progress. So in the end, global progress starts with you. |
| Business Overview: | The Projects & Technology Downstream Refinery Technology (PTX/R) team provides expert process technology support and deployment, research development, analytical services and consultancy to Shell’s downstream business and its partners. Together with colleagues in the Netherlands, India and the United States, we develop and apply innovative technology solutions to today’s technical challenges around the globe as part of the ongoing drive to improve the performance of our refineries and chemical plants.  
Working in PTX/R will give you the chance to enjoy a multi-dimensional and varied challenge because of the interface with a global range of businesses within and outside of Shell. It will also allow you to truly build your technical expertise since we deal with complex technologies and projects in a variety of environments. This combination promises significant potential for professional and personal growth. In addition, the work environment is supportive - where you can enjoy responsibilities without excessive guidance and assume autonomy for decision making and delivery.  
The position is within Refining Technology group (PTX/R), a team comprising of staff who work across Shell’s three major Technology Centres, with Centres of Expertise (COE) for Cat Cracking and Delayed Coking, Hydroprocessing and Base Oils, Primary Processes (Distillation, Light Ends and Thermal Cracking Processes) closely linked to Catalyst Technology Teams in Refining, Gas and Chemicals. Each of the COEs carries out significant R&D activities in pilot plants that foster innovation and create competitive refining technologies for Shell, develop and support advanced process models; and execute the design work that ranges from small revamps to world class grassroots facilities. Team members within the COEs also work very closely with colleagues in Shell Downstream’s Manufacturing Support and Licensing organizations to support our own and 3rd party refineries for any complex process technology issues. |
Whether you are involved in R&D, design or providing technological support to the refineries, you can provide support to a multi-billion-dollar global business. Your contribution can make a big difference!

### Career Development

Following an assignment as Technologist Hydroprocessing in the Center of Expertise in Project and Technology a typical next step is an assignment at one of Shell operating sites to get exposure to the operational aspects of the hydroprocessing refinery business. From there different career paths are available to either develop to a technical specialist or technology leader.

### Key Responsibilities / Job Description

- Participate in process development studies & provides process engineering input over a full project life cycle, from concept, FEED, through to successful start-up/operation in Shell, JV and 3rd party refineries.
- Participate in refining margin improvement and energy reduction activities, technical audits, troubleshooting support.
- Provide Hydroprocessing refining process technology support to the licensing business, Criterion customers and JV's/3rd party TSA customers.
- Contribute to process designs for revamps and new units.
- Support the delivery of the Development Release program for new activities;
- Ensure appropriate support for successful deployment of the new technology on brownfield and/or grass-root sites.
- Provide skilled refining process technology advice on optimal operation, catalyst selection, process & reaction kinetics modeling and evaluation of plant catalyst performance;

### Skills & Requirements:

- Knowledge competency level in Chemical Engineering discipline, with demonstrated capability in process engineering, simulation programming and modeling;
- Strong in mathematics and demonstrated analytical skills
- Knowledge of refining-hydroprocessing technologies, feedstocks, products and applications
- Fully mastered written and spoken English.

### Typical Roles:

- **Technologist Hydroprocessing** – technical service engineer, process designer, technology advisor

### Education Requirements

**Levels:** Bachelors, Masters, MBA, PhD

- **Study Level(s):** Master of Science
- **Discipline / Major:** Chemical Engineering
- **Minimum cumulative GPA is 3.20.**

### How to apply:

In order to be considered for an interview you must apply online at our website, www.shell.us/students.

Click on the “Students and Graduates” section and apply for Shell Graduate Program.

We require a completed application, an updated copy of your resume, and an unofficial copy of your transcripts / grade report prior to the interview.

You must have authorization to work in the U.S. on a full-time basis without requiring sponsorship now or in the future.

In some instances, we are able to sponsor Ph.D. candidates in the following disciplines: Chemical Engineering, Physics, Petroleum Engineering, Electrical Engineering, Mechanical Engineering, Geosciences and Research & Development. In some cases, we are able to sponsor Master's level candidates in Geosciences only.
GRADUATES WANTED FOR INTERNSHIPS & FULL-TIME JOBS

APPLY TODAY!

Shell is in search of remarkable people, from all different backgrounds and disciplines, who can apply their imagination, intelligence and determination in helping us create a more sustainable energy future. That is why we are seeking remarkable graduates like you to join our team!

2018 Application Dates:

- Graduate Program applications are open August 15 – December 15, 2018.
- Internship applications are open August 27 – December 15, 2018.

To be eligible for an Internship, you should be an actively enrolled student who will complete at least one more semester of education following your internship.

To be eligible for Full-Time Opportunities, you should be in your final year of study or have less than three years relevant work experience.

You must have a minimum Cumulative GPA (CGPA) of 3.20.

Candidates for regular U.S. positions must be a U.S. citizen or national, an alien admitted as permanent resident, refugee, asylee, temporary resident, or an individual who possesses valid work authorization. Individuals with temporary visas (H-1, H-2, J-1, F-1, etc.) or who require sponsorship for work authorization now or in the future are not eligible for hire.

In some instances, we are able to sponsor Ph.D. candidates in the following disciplines: Chemical Engineering, Physics, Petroleum Engineering, Electrical Engineering, Mechanical Engineering, Marine Engineering, Geosciences, Computer Science, Materials Science and Research & Development. In some cases, we are able to sponsor Master’s level candidates in Geoscience ONLY.
You must complete your application online at www.shell.us/students. The application should take between five and ten minutes. You can save time by connecting your LinkedIn profile to your online application.

Step 1: Online Assessments & On-Demand Video Interview

Timed Cognitive Test: Timed-test divided into 3 sections, that measure your verbal and numerical skills and abstract reasoning.

TIP: Want to prepare for the test? Go to this link and take the practice test: https://practicetests.cubiks.com/ability-tests/intermediate

Working Style Assessment: A non-timed assessment on your working style and behavior. There are no right or wrong answers here. Assessments typically take between 10-12 minutes to complete. After you successfully clear the online assessments, you'll be invited to participate in an On-Demand Video Interview

TIP: Want to see how the test goes? Check out this link: https://practicetests.cubiks.com/personality-assessment/cubiks-factors

On-Demand Video Interview: Short, self-recorded video interview where you can tell us about yourself. Current graduates will ask you a series of pre-recorded competency based questions. On-demand video interviews take approximately 20 minutes to complete.

TIP: Reflect on why you're applying and what your standout experiences are. Show your true self. You got this!

Step 2: Final Assessment

For Graduates and Interns: A live online session with two Shell team members where you'll be asked for your thoughts on a case study (shared with you two days prior. During the session, you'll also be asked to create a presentation on a given subject related to the case study. You'll be given 20 minutes to prepare for this (30 minutes for non-native English speakers).

Just for Graduates: You'll also be interviewed in this session so we can get to know each other a little better.

Shell Connect

For Graduates: Following the successful completion of steps 1–3, you may be invited to our offices to meet your future manager and other Shell graduates. During your Shell Connect visit, you will have an opportunity to see Shell from the inside and meet the people who could become your new colleagues.

For Interns: Following the successful completion of steps 1–3, you may be offered a place on the Internship program. Here, you'll receive hands-on training and have the chance to be selected for a job at Shell.

Please visit Tips for Applying to find tips on applying successfully. This will help you gain a better understanding of what to expect in the Shell recruiting process.

Shell will fill roles as we received applications so we encourage you to being applying now!
Kind Regards,
The Shell Recruitment Team

Follow us on Facebook, Twitter and LinkedIn.

Discover the opportunities at www.shell.us/students.
Shell is an Equal Opportunity Employer - minorities/females/veterans and disability.