The SPE Aberdeen Section is pleased to announce the bursaries for 2024 – 2025 academic year; we are offering a combined total of **up to £30,000** of bursaries. (Please *note if the standard of applications received are not satisfactory the total amount of bursaries offered might be reduced).*

These bursaries are open to **Full-Time Postgraduate students, PhD students and Under-Graduate students** studying ENERGY industry related courses while attending from the listed 5 Universities under SPE Aberdeen Section.

* University of Aberdeen
* Robert Gordon University
* University of Dundee
* Heriot-Watt University

Please note that only current students are eligible for an award – and this does not include those students who have extended their study.

Eligibility criteria –The applicant should demonstrate in their response

1. **A Course of study that is directly relevant to the energy industry,**
2. **A Clear intention/commitment to work in the energy industry,**
3. **Academic merit,**
4. **Active involvement in the SPE**.

If you are eligible and wish to apply for a bursary, please download the form from the website and send the completed application to Diane Wood – SPE Aberdeen Section Manager: [aberdeen.manager@spe-uk.org](mailto:aberdeen.manager@spe-uk.org)

If you have any questions with respect to application, please email Diane Wood, SPE Aberdeen Section Manager, [aberdeen.manager@spe-uk.org](mailto:aberdeen.manager@spe-uk.org)

The form asks for some relevant information from you, to help the selection committee to make its judgement. The committee may also contact your university for further information. Please provide, succinctly, any information which you feel may be useful. Do not attach any other files to the email.

Applications will be reviewed and recommended by the SPE Aberdeen Section Student Development Committee. The Board has final approval.

***APPLICATIONS WILL* NOT *BE CONSIDERED UNLESS THEY ARE COMPLETE AND SUBMITTED ON TIME AND AS INSTRUCTED.*** The closing date for applications is **1st December 2024**

A shortlist of candidates will be invited to present their answers to the judging panel in Edinburgh for the first time.

To accommodate students and interviewers not based in Edinburgh, these presentations may also be requested to be done remotely. The date and time of this presentation will be confirmed later, and in what capacity.

Successful candidates for the bursary awards will be announced in February 2025. All awardees will be invited to attend the Award ceremony.

**Graham Skinner - Student Development Committee Chair**

**Name (first name, last name other):**

**Previous Academic Background:**

|  |  |  |  |
| --- | --- | --- | --- |
| *From (mm/yy)* | *To (mm/yy)* | *Institution* | *Subject* |
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**Have you received any scholarships, bursaries, grants, etc. previously; if yes please provide details of the amount and the year you received?**

**SPE Student Membership Number:**

Professional society involvement (including SPE & SPE Student Chapters):

**Brief personal history** (less than 100 words):

**QUESTIONS** Applicants should select **3 out of 4** questions plus the compulsory question **5.**

Each answer should be between 200 – 300 words and answers should provide an insight into the issue along with an indication of your own informed opinions.

Successful responses usually demonstrate innovative thinking and creative solutions whilst showing some personal reflection and opinion.

|  |
| --- |
| **Q1 Oil & Gas:**  “Nebular Oil” company has an aging platform producing oil in the UK North Sea that is coming to end of life. The decision to call cessation of production (CoP) may be driven by economics or loss of export route.  If you were the decommissioning manager for the company, how would you describe the challenges you have for managing technical, commercial and safety implications of late life (last few months/years of production) into decommissioning operations. |
| **Q2 Decarbonisation and Sustainability:**  A major oil & gas field has been discovered, 125km north-west of the Shetland islands. At 1,100m water depth, it is one of the deepest fields to be discovered in Northern Europe. The development plan involves a Floating Production, Storage and Offloading (FPSO) vessel to produce, process and store the oil before offload to tankers. Gas is to be exported from the FPSO via pipeline to a 3rd party operated onshore processing terminal. One of the key project objectives is to minimise carbon emissions from the field. If you were asked to develop a decarbonisation strategy for the installation, describe the challenges and how you would overcome them. Address technical, commercial, supply chain and logistics aspects in addition to the social licence to operate. |
| **Q3 Energy Transition:**  How far has the UK progressed in the energy transition to net zero? |
| **Q4 Future Energy & CCUS:**  Carbon capture utilisation and storage (CCUS) is a technically credible but hugely expensive technology.  Summarise the three main steps in the carbon capture process (capture, transport, and storage) and discuss why companies require government support to deliver projects currently. |
| **Q5 Compulsory Question:**  Considering aspects of your own academic, social, and cultural background, and any relevant work experience; describe the contribution that you can make to the energy industry today? |
| **Answer Q1.**  (Answer in 300 words) |
| **Answer 2.**  (Answer in 300 words) |
| **Answer 3.**  (Answer in 300 words) |
| **Answer 4.**  (Answer in 300 words) |
| **Answer 5. COMPULSORY QUESTION - YOU MUST ANSWER THIS.**  (Answer in 300 words) |