

Oil and Gas Artificial Intelligence Master Program

Training plan

I. Program Introduction and Training Objectives

The Oil and Gas Artificial Intelligence Master Program is designed to provide students with a comprehensive understanding of the intersection of artificial intelligence and the oil and gas industry. The program covers the following areas:

- Advanced algorithms and machine learning techniques for data analysis in the oil and gas sector.
- Applications of artificial intelligence in reservoir management, production optimization, and safety.
- Integration of artificial intelligence with existing oil and gas infrastructure.
- Industry trends and future perspectives in artificial intelligence for the oil and gas industry.

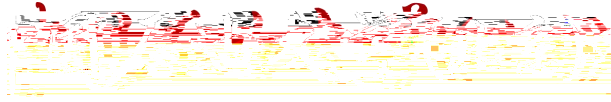


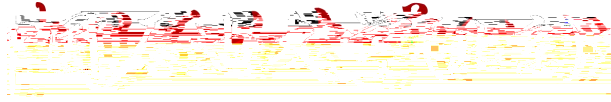
II. Training Directions

1. Master the basic theory and methods of artificial intelligence.
2. Master the application of artificial intelligence in the oil and gas industry.

III. Training Mode and Duration:

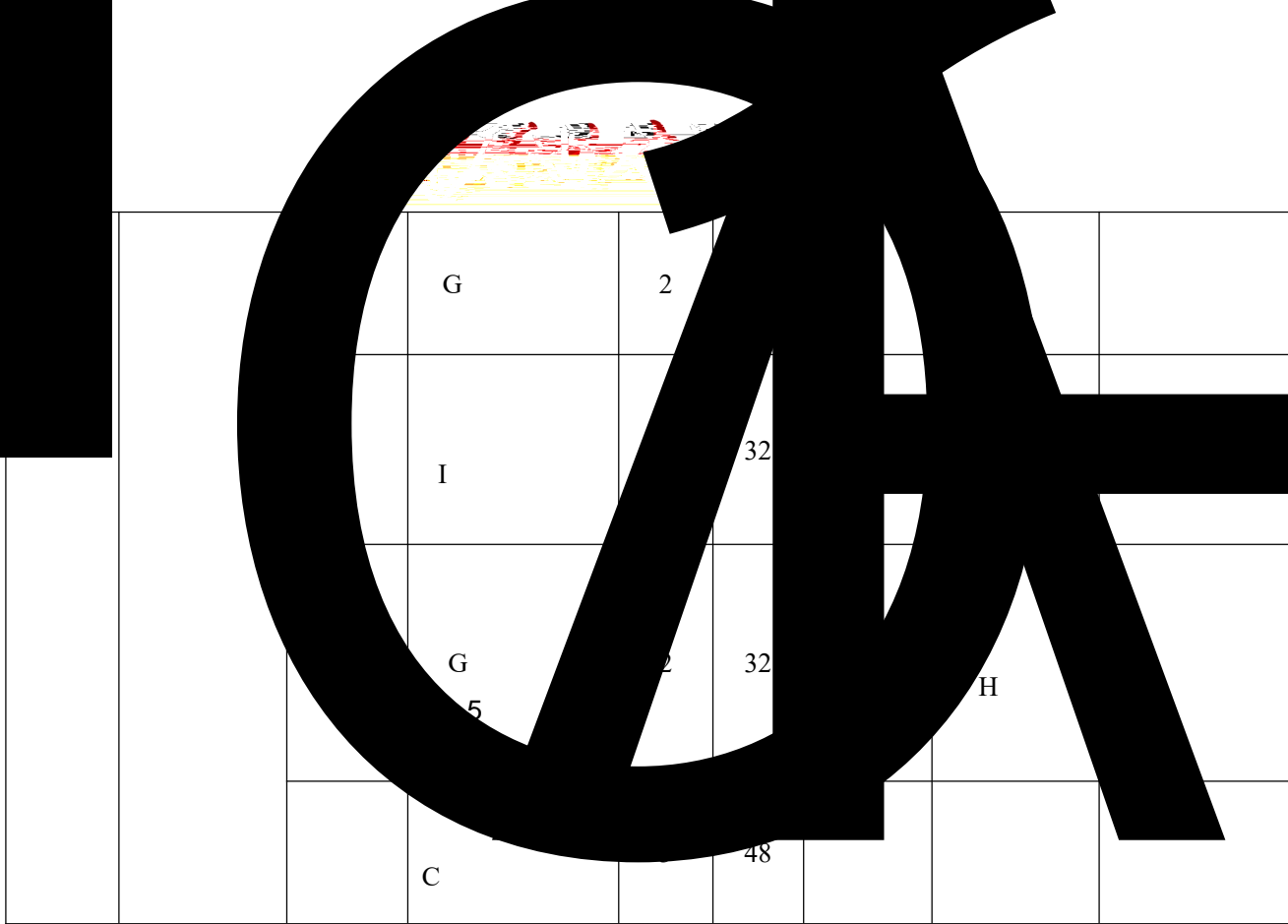
The training mode is full-time, and the duration is 2 years. The first year focuses on theoretical knowledge and basic skills, while the second year focuses on practical application and research. The program includes coursework, laboratory work, and a thesis. The training mode is full-time, and the duration is 2 years. The first year focuses on theoretical knowledge and basic skills, while the second year focuses on practical application and research. The program includes coursework, laboratory work, and a thesis.





Course categor	Course number	Course title	Credit	Class hour	Semester	P
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VI. Organization and Requirements for Comprehensive Project Practice



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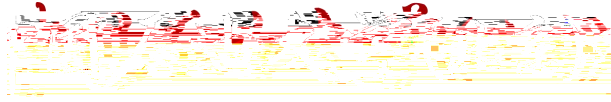
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10% , 40%
50%

VII. Mid-Term Assessment:

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VIII. Thesis:

