



# Summary of Graduate Applicant Background and Interests

College of Engineering and Mines  
Department of Petroleum Engineering  
University of Alaska Fairbanks  
P. O. Box 755880  
Fairbanks, Alaska 99775  
Phone: 907-474-7734 Fax: 907-474-5912 Email: [fyipete@uaf.edu](mailto:fyipete@uaf.edu)

**THIS FORM MUST BE SUBMITTED DIRECTLY TO DEPARTMENT OF PETROLEUM ENGINEERING**

NAME \_\_\_\_\_  
(First) (Last)

E-MAIL \_\_\_\_\_ PHONE \_\_\_\_\_

### Areas of interest

Indicate below those subject areas in which you are interested in concentrating your graduate studies. You may select more than one subject, but please not more than 4. Number them in order of [1] greatest to lesser [2,3,4] degrees of interest.

- |  |  |
|--|--|
| <input type="checkbox"/> Drilling              | <input type="checkbox"/> Petrophysics                    |
| <input type="checkbox"/> Enhanced Oil Recovery | <input type="checkbox"/> Reservoir Characterization      |
| <input type="checkbox"/> Gas Hydrates          | <input type="checkbox"/> Reservoir Modeling & Simulation |
| <input type="checkbox"/> Geostatistics         | <input type="checkbox"/> Rock & Fluid Properties         |
| <input type="checkbox"/> Petroleum Economics   | <input type="checkbox"/> Wax Deposition                  |
| <input type="checkbox"/> Petroleum Geology     |  |

Other: (describe) \_\_\_\_\_.

How did you hear about the UAF Petroleum Engineering Department and the discipline that you are interested in?

- |   |  |
|---|--|
| <input type="checkbox"/> Recruitment at a meeting | <input type="checkbox"/> Student web pages           |
| <input type="checkbox"/> Scientific papers        | <input type="checkbox"/> Recommendation from faculty |
| <input type="checkbox"/> Faculty web pages        | <input type="checkbox"/> Other: _____.               |

### Academic History

INSTITUTION	DEGREE	MAJOR	DATE AWARDED

GRE raw score/percentile: Quantitative \_\_\_\_\_ Verbal \_\_\_\_\_ Analytical \_\_\_\_\_

TOEFL score \_\_\_\_\_

NAME \_\_\_\_\_  
 (First) (Last)

### Summary of Course Work in Petroleum Engineering & Supporting Science and Math

	Total Courses	Total Credits	GPA		Total Courses	Total Credits	GPA
Petroleum Engineering				Other Engineering			
Mathematics				Computer Science			
Chemistry				Languages(s)			
Physics				Others			
Geological Science				ALL COURSES			

### SPECIFIC COURSES

Check one: quarter  semester

(Include credit and grade and courses you are currently enrolled in)

#### Petroleum Engineering

Reservoir Rock & Fluid Properties: credit: \_\_\_\_ grade: \_\_\_\_  
 Petroleum Production Engineering: credit: \_\_\_\_ grade: \_\_\_\_  
 Well Logging: credit: \_\_\_\_ grade: \_\_\_\_  
 Drilling Engineering: credit: \_\_\_\_ grade: \_\_\_\_  
 Reservoir Characterization: credit: \_\_\_\_ grade: \_\_\_\_  
 Natural Gas Engineering: credit: \_\_\_\_ grade: \_\_\_\_  
 Petroleum Economics: credit: \_\_\_\_ grade: \_\_\_\_  
 Reservoir Engineering: credit: \_\_\_\_ grade: \_\_\_\_  
 Petroleum Recovery Methods : credit: \_\_\_\_ grade: \_\_\_\_  
 Well Test Analysis: credit: \_\_\_\_ grade: \_\_\_\_  
 Well Completions & Stimulation: credit: \_\_\_\_ grade: \_\_\_\_  
 Reservoir Simulation: credit: \_\_\_\_ grade: \_\_\_\_  
 Senior Project Design: credit: \_\_\_\_ grade: \_\_\_\_

#### Geoscience:

Physical Geology: credit: \_\_\_\_ grade: \_\_\_\_  
 Historical Geology: credit: \_\_\_\_ grade: \_\_\_\_  
 Sedimentology & Stratigraphy: credit: \_\_\_\_ grade: \_\_\_\_  
 Structural Geology: credit: \_\_\_\_ grade: \_\_\_\_  
 Geophysics: credit: \_\_\_\_ grade: \_\_\_\_  
 Petroleum Geology: credit: \_\_\_\_ grade: \_\_\_\_  
**Mathematics**  
 Analytical Geometry: credit: \_\_\_\_ grade: \_\_\_\_  
 Calculus credit: \_\_\_\_ grade: \_\_\_\_  
 Differential Equations: credit: \_\_\_\_ grade: \_\_\_\_  
 Linear Algebra: credit: \_\_\_\_ grade: \_\_\_\_  
 Statistics: credit: \_\_\_\_ grade: \_\_\_\_  
 Numerical Analysis: credit: \_\_\_\_ grade: \_\_\_\_

#### Chemistry

General Chemistry: credit: \_\_\_\_ grade: \_\_\_\_  
 Other: \_\_\_\_\_ credit: \_\_\_\_ grade: \_\_\_\_

#### Other Engineering

Mechanics: credit: \_\_\_\_ grade: \_\_\_\_  
 Mechanics of Materials: credit: \_\_\_\_ grade: \_\_\_\_  
 Thermodynamics: credit: \_\_\_\_ grade: \_\_\_\_

#### Physics

General Physics: credit: \_\_\_\_ grade: \_\_\_\_  
 Other: \_\_\_\_\_ credit: \_\_\_\_ grade: \_\_\_\_

#### Other

Computer Programming: credit: \_\_\_\_ grade: \_\_\_\_  
 Other: \_\_\_\_\_ credit: \_\_\_\_ grade: \_\_\_\_