

Application Form

National Geothermal Academy

June 18-August 10, 2012



Application due: February 15, 2012

Instruction will occur at the University of Nevada, Reno main and Redfield campuses,
 with field trips to places in Nevada and California.

Information about the NGA

The National Geothermal Academy (NGA) presents an eight-week intensive summer course in all aspects of geothermal energy development and utilization. The eight-week course will be offered for either undergraduate or graduate academic credit and will occur at the University of Nevada, Reno (UNR) June 18-August 10, 2012. Students also have the option of taking one of two three-week courses, or one or more single week modules. Space is limited and this is a competitive program. The NGA is intended for juniors and seniors and post-baccalaureate students in scientific and engineering programs. Priority will be given to those applicants who intend to take all modules of the NGA. Strong undergraduate preparation in quantitative fields, such as mathematics, physics, geoscience, engineering or chemistry, is expected. Topics to be covered include the following modules:

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| Module 1. Introduction to Geothermal Energy Utilization | Module 6. Reservoir Engineering |
| Module 2. Geothermal Geology and Geochemistry | Module 7. Power Plant Design and Construction |
| Module 3. Field Trips | Module 8. Environmental Policy and Business Principles and Development |
| Module 4. Geothermal Geophysics | Module 9. Independent and Team Projects |
| Module 5. Drilling Engineering | |

See the course descriptions provided on our website for more detail on the content of each module:
<http://www.unr.edu/geothermal/NGA.htm>.

If you are currently enrolled in a degree program, you should check the transfer grade policy at your school. You should also ascertain if a letter grade for the NGA will transfer as a letter grade to your permanent record.

Information about you

Name: _____ Email: _____
 Address: _____ Phone: _____

Please list all current and previous higher education and associated graduation information:

Academic institution	Enrollment status	Degree	Graduation year	GPA

Are you currently employed in the geothermal industry?

If so, in what capacity?

Please attach the following:

1. A ½ to 1 page statement of your interest and motivation for attending NGA
2. A copy of your current or most recent transcript (unofficial version acceptable)
3. A letter of support from a faculty member or supervisor
4. If a non-native English speaker, TOEFL scores or other demonstration of proficiency in English

8-week undergraduate course for academic credit	<p>Registration Option 3 – Undergraduate-level 6 academic credits ENGR or GEOL 457</p> <p>Program fee: \$1,500 (includes \$500 deposit) Room & board: \$3,000 (single) or \$2,500 (double)</p> <p>This registration option allows for students to participate in the entire eight-week undergraduate program (June 18-August 10, 2012) for six academic credits.</p> <p style="text-align: right;"><i>Course code (content is the same):</i></p> <p>I would like to register for the <u>entire eight-week undergraduate program</u>. ENGR 457 GEOL 457</p> <p>I would like to request housing in a <u>single</u> occupancy dormitory on the UNR campus, and meals (\$3,000).</p> <p>I would like to request housing in a <u>double</u> occupancy dormitory on the UNR campus, and meals (\$2,500).</p> <p style="text-align: center;">Acceptance notices sent: March 9, 2012 Registration & \$500 deposit due: March 30, 2012 All remaining fees due: June 1, 2012</p> <p>Additional information including online academic credit registration instructions will be sent upon acceptance to the program. A non-refundable \$500 deposit is due with registration to reserve your place. The program fee includes tuition for six academic credits, all field trip expenses, course materials, and two-way transportation between the Redfield campus and the dormitory. Room and board includes housing and daily breakfast and dinner (and lunch weeks 5-8). A \$60 UNR application fee is additional, if owed.</p>														
Professional development module(s)	<p>Registration Option 4 – Professional development</p> <p>Program fee: \$500 per module (includes \$200 deposit per module)</p> <p>This registration option does not include academic credit. A Certificate of Achievement will be presented upon satisfactory completion of the module(s).</p> <p>I would like to register for the individual module(s) checked below:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Module 1. Introduction to Geothermal Energy Utilization</td> <td style="width: 30%;">June 18-22, 2012</td> </tr> <tr> <td>Module 2. Geothermal Geology and Geochemistry</td> <td>June 25-29, 2012</td> </tr> <tr> <td>Module 4. Geothermal Geophysics</td> <td>July 9-13, 2012</td> </tr> <tr> <td>Module 5. Drilling Engineering</td> <td>July 16-20, 2012</td> </tr> <tr> <td>Module 6. Reservoir Engineering</td> <td>July 23-27, 2012</td> </tr> <tr> <td>Module 7. Power Plant Design and Construction</td> <td>July 30-August 3, 2012</td> </tr> <tr> <td>Module 8. Environmental Policy and Business Principles and Development</td> <td>August 6-10, 2012</td> </tr> </table> <p style="text-align: center;">Acceptance notices sent: April 13, 2012 Registration & \$200 deposit per module due: May 1, 2012 All remaining fees due: June 1, 2012</p> <p>Registration instructions will be sent upon acceptance to the individual module(s). A non-refundable \$200 deposit per module is due with registration to reserve your place. This registration option does not include room and board.</p>	Module 1. Introduction to Geothermal Energy Utilization	June 18-22, 2012	Module 2. Geothermal Geology and Geochemistry	June 25-29, 2012	Module 4. Geothermal Geophysics	July 9-13, 2012	Module 5. Drilling Engineering	July 16-20, 2012	Module 6. Reservoir Engineering	July 23-27, 2012	Module 7. Power Plant Design and Construction	July 30-August 3, 2012	Module 8. Environmental Policy and Business Principles and Development	August 6-10, 2012
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Financial aid	<p>No financial aid is currently available. Students are responsible for paying all fees associated with their selected program. We are working with the geothermal industry to develop scholarships for students attending the entire eight weeks of the NGA. If scholarships become available, selected students will be informed by March 23, 2012.</p> <p>I would like to be considered for a scholarship.</p>														

Information about your health and safety	<p>Field trips are design to be informative rather than labor intensive, however you may travel to remote areas. Please list anything that we would need to know in order to help you should a health emergency arise. Please list any medical conditions of which the NGA staff should be aware (allergies, regular medication, etc.). Include any physical problems that would directly affect your ability to participate. Attach additional sheets as necessary.</p> <p>All of the information on this form will be held confidentially and will not be accessible to anyone other than authorized NGA and University staff. Please print clearly.</p> <p>Emergency contact details (preferably two people):</p> <p>Name: _____ Email: _____</p> <p>Address: _____</p> <p>Home phone: _____ Cell phone: _____</p> <p>Relationship: _____</p> <p>Name: _____ Email: _____</p> <p>Address: _____</p> <p>Home phone: _____ Cell phone: _____</p> <p>Relationship: _____</p> <p>Personal physician name: _____</p> <p>Office phone: _____ Cell phone: _____</p> <p>The University of Nevada, Reno provides no insurance coverage for students. Each student should consider what insurance coverage he/she may require and make arrangements for that coverage before attending NGA.</p>
Immunization	<p>Immunization Documentation Requirement: All students who enroll under Registration Options 1-3 must submit a copy of official documentation for two doses of measles, mumps, rubella (MMR) within your lifetime and a diphtheria/tetanus (D/T) shot within the last 10 years. If you were born prior to 1957, only the D/T shot documentation is required. This documentation is due with registration March 30, 2012. Professional development applicants do not need to provide this documentation.</p>
Certification	<p>I certify that information provided on this application is accurate and complete. If accepted, I agree to abide by all rules and regulations of the University of Nevada, Reno.</p> <p>Signature: _____ Date: _____</p>

Submission check list:

This completed application form

A ½ to 1 page statement of your interest and motivation for attending NGA

A copy of your current or most recent transcript (unofficial version acceptable)

A letter of support from a faculty member or supervisor

If a non-native English speaker, TOEFL scores or other demonstration of proficiency in English

Combine this form and all additional required materials in a single PDF file and send the completed application via email to the Great Basin Center for Geothermal Energy to the email address listed below. The PDF filename should be of the format *Lastname_Firstname_NGA2012.pdf*. **All application materials are due February 15, 2012 by 5:00 PM in applicant's local time zone.**

Send application to: geothermal@unr.edu

Contact Betsy Littlefield at 775-784-7018 or elittlefield@unr.edu with any questions.

A portion of program fees may be used to pay hosting expenses. The NGA is funded under U.S. Department of Energy Grant #DE-EE-0003063.