What is the Summer UB/UBMS Academic Program?

Upward Bound and Upward Bound Math Science offer a 6 week summer residential program for approximately 48 of our projects’ students from around Wyoming. These young people are selected at each site based upon need for the additional summer instructional support, leadership skills, and a project requirement for students to attend one summer in Laramie.

Expectations

It is our belief that a close relationship between instructors and students greatly contributes to the academic progress of the students. Therefore, we encourage open communication and active dialogue between instructors, students and staff. Many instructional components of STEM education will be requested of all instructional staff.

Time expectations per week are:

<table>
<thead>
<tr>
<th>CLASS EXPECTATIONS</th>
<th>MEETING EXPECTATIONS</th>
<th>STUDENT SUPERVISION EXPECTATIONS</th>
<th>OTHER ACTIVITY EXPECTATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ 4 hours per week for all except research mentors and foreign language instructors</td>
<td>□ 1.5 hours once per week during the noon hour</td>
<td>□ 2 evenings in the dorm over the course of the summer for 3 hours each evening. Does not include study hall hours</td>
<td>□ Faculty sponsored BBQ the first Saturday after students arrive—approximately 3 hours</td>
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<td>□ Classes on M-Th with only comp lit, science, and math meeting all 4 days.</td>
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<td>□ 16 students per class</td>
<td>□ CompTech meets M and W College Prep meet T and TH for 1 hour each day for a total of 2 hours each week for each course.</td>
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<td>□ Research Courses meet M and W afternoons for 2 hours and lead student field trips all day on Fridays.</td>
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<td>□ 8 students per class</td>
<td>□ Foreign Language Courses meet T and TH for 2 hours and provide one cultural event of 1.5 hours for one evening during the summer.</td>
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<td>□ 16 students per class</td>
<td>□ 2 pre-summer meetings TBA</td>
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<td>□ One study hall per week for approximately 1.5 hours. Study halls are M and TH</td>
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<td>□ Attendance at Scholars Reception late June—approximately 2 hours</td>
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<td>□ Attendance at Student Symposium and Awards Ceremony at conclusion of summer program—2-4 hours depending upon responsibility</td>
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All courses should be student-centered with active student engagement. Because of the brief duration of this academic experience, homework will be limited to the research course, comp and lit course, and science course as it relates to the students’ research. ALL courses should provide for practical applications, eg, how we use algebraic concepts in everyday life. Foreign Language courses should revolve around a potential “trip” to allow students to learn more than just the language but also learn about the culture of their language as well as local dialect that would assist the student in their travels.
Because the students are 14-17 years old, instructors must make extra effort to ensure student safety and to interact with students as per the guidelines of UW’s Minors on Campus Policy. Instructors can expect to have a broad range of age and maturity level with students in your classes.

The UB/UBMS summer academic program is an intense and exhilarating immersion experience. In addition to the courses, an array of cultural and recreational activities offer various opportunities for students. Faculty members are encouraged to be active participants and engage the students outside the classroom.

The Curriculum

Students in the program have a wide spectrum of interest (and a shorter attention span than college students); course designs should engage them in as many different ways as possible. The most successful courses in the past have given students the chance to research an area of interest and develop a research paper on their topic. Time does NOT allow for students to do much more than a literature review on their topic. Each student will enroll in a Comp and Lit course supporting the research writing, a science course to complement the research, and Computer tech course which supports their research through internet searches and in formatting the research writing. Additionally, each student will take a foreign language course, math course based on interest and ability, and college prep course.

As the instructor, you will be doing your own curriculum design. It is suggested you develop 4 objectives that you want students to learn and create activities to support these objectives. You will be doing a pretest and a posttest. The pretest is NOT graded and the identical posttest can be used as your course final.

Compensation

Salary varies by course and is based on total hours that include class times, study halls, meetings, and other activities. If you are teaching more than one course, the 2nd course salary is based upon class times only. You will not be expected to double up hours outside of class.

Selection of Faculty Criterion

- Quality of course proposal including research methods and writing skills
- Development of a multifaceted student-centered course with STEM instructional techniques.
- Evidence of energy and creativity in teaching
- Enthusiasm for working with and nurturing the development of high school students
- Flexibility and willingness to adapt in response to this special student audience
- Willingness to attend out of classroom activities such as student activities, meetings, etc.
To Apply Please Provide:

1. **(Research Mentor Applicants Only)** A course description (1-3 pages) which includes a general description of the instructional format and a suggested list of reading materials. Also include a sample of your research writing and the writing format you would like to have students learn.

2. **(All Instructors)** Detailed methods in which you would have the students actively engaged in class.

3. **(All Instructors)** A cover letter explaining your reasons for wanting to teach in this environment.

4. **(All Instructors)** A brief resume of your academic (or academic-related) career, including references in course development and teaching achievements.

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**Name:** ___________________________________________  **UW W#** __________

**Address:** __________________________________________

  **Street**

  **City**

  **State**

  **Zip**

**Home Phone:** __________  **Work Phone:** __________  **May you be contacted at work?** Yes ( ) No ( )

**E-mail Address:** ___________________________  **Position(s) you’re applying for:**  □ Instructor  □ Research Mentor

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<thead>
<tr>
<th><strong>Instructors ONLY: circle/describe discipline(s)</strong></th>
<th><strong>Research Mentors ONLY: list field and research topic(s)</strong></th>
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</thead>
<tbody>
<tr>
<td>Composition and Literature</td>
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<tr>
<td>Computer Applications</td>
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<tr>
<td>Mathematics</td>
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<tr>
<td>Science</td>
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<tr>
<td>Foreign Language</td>
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**Check highest degree obtained:**  BA/BS ( )  MA/MS ( ) PhD ( )

Please list the title of your Degree __________________________

**Do you have a teaching License/Certification:** Yes ( ) No ( )

If yes, at what level and/or for which subjects: __________________________

**List any other certifications/licenses:** i.e., 1st Aid/ CPR, counseling, etc. __________________________

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*Division of Student Educational Opportunity / The University of Wyoming is an EOE/AA Employer*
Please list and describe any experience working with high school-aged students:

________________________________________________________________________________________________________________________________________________________________________________________________________

________________________________________________________________________________________________________________________________________________________________________________________________________

________________________________________________________________________________________________________________________________________________________________________________________________________

Please list and describe any teaching and/or tutoring experience:

________________________________________________________________________________________________________________________________________________________________________________________________________

________________________________________________________________________________________________________________________________________________________________________________________________________

________________________________________________________________________________________________________________________________________________________________________________________________________

REFERENCES

Name: Phone: Relationship:

1. __________________________________________________________

2. __________________________________________________________

3. __________________________________________________________

TRIO

Return your application to 330 Knight Hall or SEO/UB/UBMS
1000 East University, Dept. Box 3808
Laramie, WY 82071-3808
richards@uwyo.edu
skingsle@uwyo.edu

Please submit your application to arrive by Friday, February 8th, 2019. All positions require the completion of a project-funded background check. Dates of employment will vary depending on position. The UB/UBMS training and summer program dates run from June 7-July 18, 2019. Attendance at additional training sessions in the late spring is required.

The University of Wyoming is an Affirmative Action/Equal Opportunity employer. The University’s policy has been, and will continue to be, one of nondiscrimination, offering equal opportunity to all employees and applicants for employment on the basis of their demonstrated ability and competence without regard to such matters as race, sex, gender, color, religion, national origin, disability, age, veteran status, sexual orientation, genetic information, political belief, or other status protected by state and federal statutes or University Regulations.

The University of Wyoming is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final candidates being considered for employment. Background checks may include, but are not limited to, criminal history, national sex offender search, education, employment and motor vehicle history. Offers of employment are contingent upon the completion of the background check.

The Upward Bound and Upward Bound Math Science Projects are funded 100% by two grants from the US Dept. of Education at $846,890 annually. UB/UBMS are projects of Student Educational Opportunity, a unit of the Division of Academic Affairs at the University of Wyoming.