2024 Terp Young Scholars Summer Program – Geographical Sciences

A pre-college program that allows high school students to navigate college experience by taking a 3-credit course over the summer at UMD.
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GEOG172 Earth From Space
2024 Terp Young Scholars Program (TYS)

- What is it?
  - Pre-college Program
  - Students learn to navigate college experience with UMD’s 3-week summer credit program
  - Designed for rising 10th graders to graduating 12th graders
  - Students choose (1) 3-credit course to enroll in
  - Both credits and the grade earned post to the student’s UMD transcript and become part of their student record.
Classes

• GEOG172 Earth From Space

• Classes are held every day, **Monday-Friday**, with meeting times varying according to the specific course. Classes generally meet for **three hours a day between 9:00 a.m. - 1:00 p.m.** and may include an afternoon session.
GEOG 172

Earth from Space

How can Earth observations from space play a critical role in understanding our changing planet?

“How can Earth observations from space play a critical role in understanding our changing planet?”

This introductory survey course explores a wide range of global environmental change issues through the lens of satellite imagery.

- The 1st week of the course provides students with an understanding of how satellites view Earth, what they can observe, and what significant problems they can help solve.

- The remainder of the course features a series of expert guest lectures, allowing students to explore cutting-edge research across a variety of environmental topics, including:
  - Landcover/landscape change
  - Forestry
  - Hydrology and surface water
  - Coasts/ ocean
  - Snow and ice
  - Agriculture
  - Fire
  - Human health

- Guest lecturer organizations include NASA, NOAA, MD Dept. of Environment, MD Dept. of Natural Resources, Dept. of Geographical Sciences, and The Chesapeake Conservancy.

After this course, you’ll see the world from a whole new perspective!
How the program works

• July 8-26, 2024
• Offered **100% online**
• Students attend class, study, work on projects, prepare for exams, and interact with their peers and regular UMD undergraduate students in a rigorous academic setting
## Application Deadlines

<table>
<thead>
<tr>
<th>Application and Admission Schedule</th>
<th>Deadlines</th>
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<tbody>
<tr>
<td>Application Opens</td>
<td>January 9</td>
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<tr>
<td>Application Closes</td>
<td>May 1</td>
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<tr>
<td>Confirmation of Admission Process</td>
<td>May 15</td>
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<tr>
<th>Confirmation of Admission Schedule</th>
<th>Deadlines</th>
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</thead>
<tbody>
<tr>
<td>Submit and Complete Confirmation of Admission</td>
<td>May 15</td>
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• **More information:** [click here](#)
Scholarships

- Partial scholarships available, up to 30% of total program package fee
- Must submit a separate application
- More information: [click here](#)
Application Timeline

January
Application Opens

Jan 15 – May 15
Admissions notification

Feb 15
Scholarship application opens

April 15
Notification of scholarship decision

June 20/26
Commuter/online orientation

July 8
First day of classes

BE THE SOLUTION
Program Fees

Program Package Fees: 2023

<table>
<thead>
<tr>
<th>Package Type</th>
<th>Commuter</th>
<th>Online</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Package Fee</td>
<td>$2,500.00</td>
<td>$1,500.00</td>
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</tbody>
</table>

- There is a program package fee for each option: commuter or 100% online. The package fee is comprised of course tuition, summer mandatory fees, and the program fee.
- Note: the program does not offer an option that provides campus housing.
- Financial Assistance for Dual Enrollment/Early College (PGCPS)
- More information: click here
Contact information

• Please contact us at geog-advise@umd.edu if you have questions about the courses offered.

• Program-specific questions can be sent to the Office of Extended Studies (OES) using the following link: https://oes.umd.edu/contact