



# RACS Newsletter

College of Earth, Ocean, and Atmospheric Sciences — Oregon State University Fall  
Quarter 2026–2027

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*All headings in this newsletter can also be reached with your screen reader's heading navigation (for example, the Navigation pane in Word, or the rotor/headings list in VoiceOver).*



*Figure 1: Cover photograph of the shoreline of Pyramid Lake, Nevada. Photo credit: USGS (U.S. Geological Survey). [View the source photo on the U.S. Geological Survey website.](#)*

## Welcome to Fall Quarter 2026

The summer was fast and fun here in CEOAS. The computational staff have been working to rebuild labs and get things ready for classes to start this fall quarter at OSU. The new Huang Complex is almost done, and we can start to see the finishing of the new data center and XRT space coming online once the building has been finished. The current plan is around bringing in the new hardware once the building has been handed off to the university and start to deploy and

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test that hardware. The process of deploying and testing will take several months, and we don't expect to have runs going on the machine until spring or early summer quarter next year. As discussed in previous newsletters the supercomputer will be built on the new NVIDIA Vera Rubin Superchip. This new architecture brings 72 Rubin GPUs and a large number of Vera CPUs together per rack using new unified memory and NVLink 6 technologies. The new system will be about 10x better performance as the current standard GPGPUs being used across industry.



*Figure 2: Inside the OSU Huang Complex, where the new data center and XRT space are being built.*

## Memory and SSD Costs Continue Upward Trend

Over the past nine months, the cost of both server memory (DRAM) and solid-state storage (SSD/NAND flash) has increased significantly, reversing several years of declining prices. Industry analysts attribute much of the increase to unprecedented demand from AI infrastructure, where large-scale training and inference clusters require massive quantities of high-performance memory and enterprise SSDs. At the same time, memory manufacturers have shifted production capacity toward higher-margin AI-focused products, reducing the supply available for traditional servers, workstations, and storage systems. Recent market reports indicate sustained increases in both DRAM and NAND pricing since late 2025, with some memory categories experiencing double-digit quarterly growth.

For research computing organizations, these market conditions have translated directly into higher acquisition costs for new servers and storage systems. Memory is often one of the largest cost components in compute nodes, while SSDs are foundational to high-performance scratch storage, parallel file systems, and AI data pipelines. As a result, projects planned to use pricing

estimates from a year ago may now see noticeably higher hardware costs. The impacts are particularly visible in systems requiring large memory footprints, GPU-accelerated infrastructure, and high-capacity NVMe storage arrays.

Looking at the longer-term trend, memory and SSD prices generally declined over the last decade due to advancements in manufacturing density and economies of scale. However, the recent AI-driven demand cycle has interrupted that historic pattern. While prices remain substantially lower than a decade ago on a per-capacity basis, both storage and memory costs have moved sharply upward during the past year. Organizations planning future infrastructure investments should account for continued market volatility and potentially elevated component pricing through upcoming procurement cycles. For more information see this link [memory price history data](#).

### Illustrative Cost Trend: SSD and Memory (2016-2026)

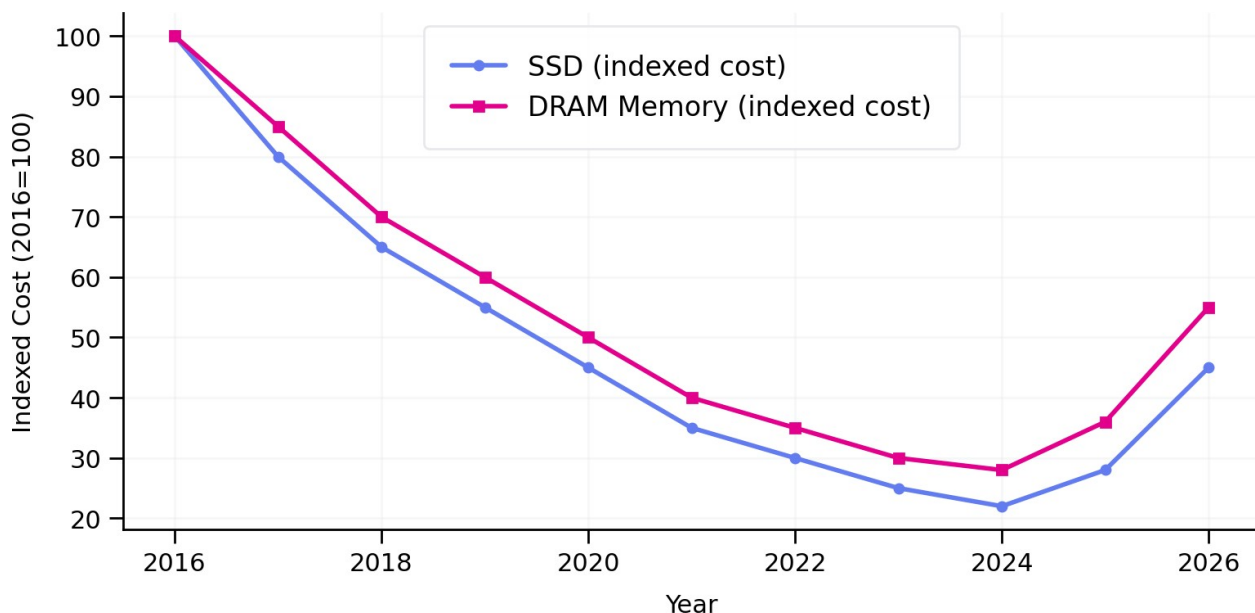


*Figure 3: This chart is an illustrative indexed view showing the long-term decline in SSD and memory costs followed by the recent increase. It is intended for newsletter communication rather than financial forecasting.*

## Oregon State University and Solidigm Collaborate on Next-Generation AI Infrastructure

As memory and storage costs continue to rise across the industry, strategic partnerships between universities and technology providers are becoming increasingly important. Oregon State University CEOAS has been working with Solidigm, alongside partners including Dell

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Technologies and NVIDIA, to explore how dense, high-performance storage can support emerging AI research and educational applications.

Oregon State researchers deployed infrastructure powered by Solidigm enterprise SSDs to accelerate AI-driven teaching and research workflows. The SSDs were initially used for processing large scientific datasets, including oceanographic imaging research, but quickly expanded into broader campus initiatives focused on AI-assisted teaching, assessment, and research computing. We now have the 122TB Solidigm SSD drives being used as fast scratch space for the HPC and Jupyter HUB.

The Solidigm collaboration also aligns with the university's broader investment in research computing. The newly established Research Computing Office (RCO) ensures the university is expanding access to advanced computing, AI, data science, and high-performance storage resources for researchers across the institution. As AI workloads grow in both scale and complexity, partnerships with companies such as Solidigm help ensure that researchers have access to the storage performance and capacity required to manage increasingly data-intensive projects.



*Figure 4: Oregon State University student Savana Stallsmith uses the Plankton AI Pipeline.*

## Research Computing

*By Thomas Olson and Chris Sullivan*



*Figure 5: Technology exhibition booth with digital displays showcasing NVIDIA data and visualizations.*

## HPC Update

The graphic below illustrates a modern tiered-storage strategy where data is placed on the most appropriate technology based on performance, accessibility, capacity, and cost. At the top of the pyramid, **Tier 0** storage resides directly on local compute systems and provides the highest performance for active processing, temporary files, and workflow execution. **Tier 1** extends that capability through high-speed network-attached “scratch” storage designed for data-intensive workloads such as artificial intelligence, machine learning, simulation, and large-scale research computing. While these tiers deliver exceptional speed, they are typically optimized for short-term use and carry a higher cost per terabyte than lower tiers.

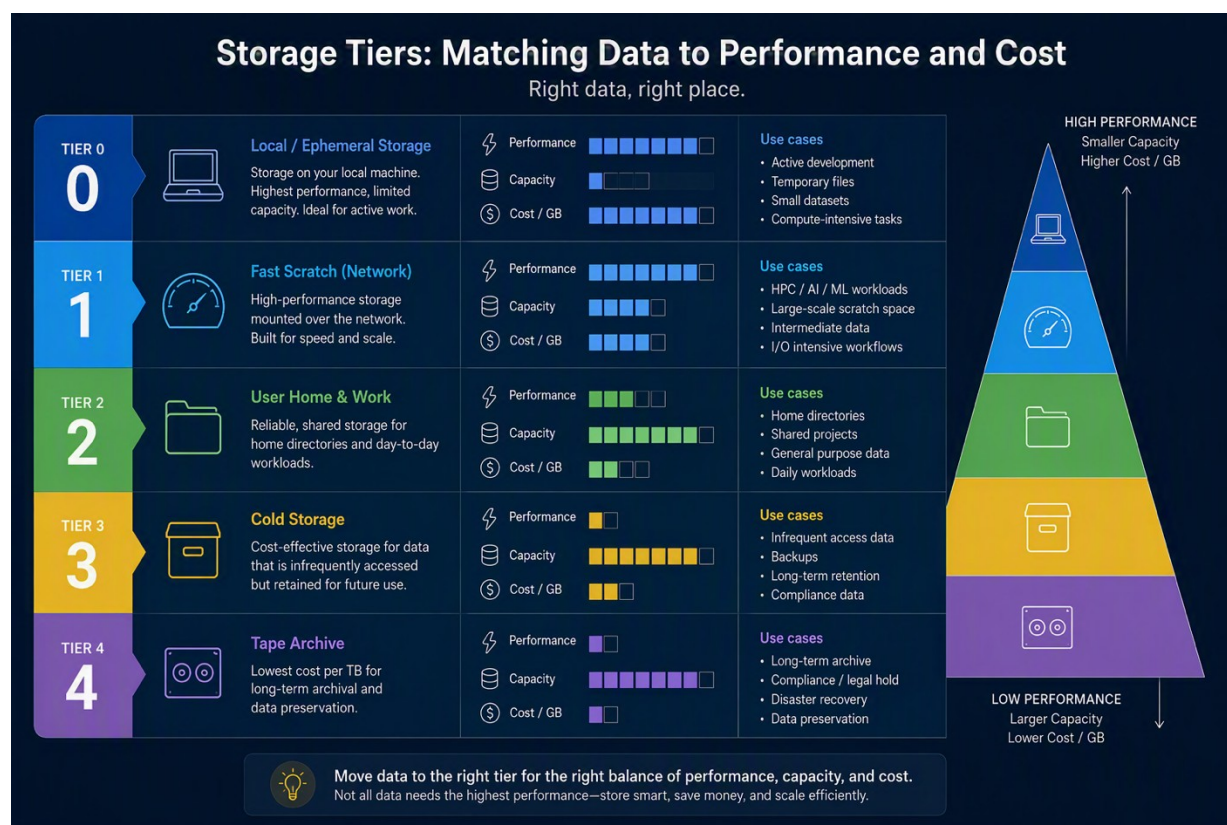


Figure 6: Tiered storage strategy, from Tier 0 local storage through Tier 4 tape archive, mapped to data requirements for performance, capacity, and cost.

Moving down the hierarchy, **Tier 2** storage serves as the primary location for home directories, research projects, collaborative workspaces, and day-to-day data management. Tier 2 balances performance, capacity, and cost, making it the foundation for most campus research and academic workflows. Below Tier 2, **Tier 3** provides scalable and cost-effective storage for infrequently accessed data, project data retention, backups, and compliance needs. While retrieval times may be slower than higher-performance tiers, Tier 3 enables organizations to retain growing volumes of research data without the expense of keeping all information on premium storage resources.

The OSU Research Computing Office (RCO) is actively developing a comprehensive storage ecosystem that aligns with this tiered model. Today, Tier 3 storage capabilities are already available to support long-term data retention and research data management needs. The office is currently working toward a campus-wide Tier 2 solution that will provide reliable, shared storage for research groups, faculty, staff, and students across the university. Looking ahead, the long-term vision includes offering integrated Tier 1 through Tier 3 services that allow researchers to seamlessly move data between high-performance scratch environments, collaborative working

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storage, and retention platforms. This approach will provide the research community with the right balance of performance, scalability, and cost efficiency while supporting the full lifecycle of research data from active computation to long-term preservation.

## **ArcGIS Online Changes Require New Data Management Practices**

Effective August 1, 2026, ESRI implemented significant changes to its higher education licensing agreement, reducing the number of available ArcGIS Online user seats and annual credits allocated to universities. These changes will impact all ArcGIS Online users at Oregon State University and require a more deliberate approach to managing geospatial data, users, and platform resources. Current usage statistics highlight the scale of the challenge. Oregon State's ArcGIS Online environment supports more than 14,000 user accounts across 210 departments, with over 11,000 users actively storing content. The platform is currently utilizing nearly all available storage capacity and consumes approximately 4,500 ArcGIS credits per day. As ESRI's new limits take effect, maintaining compliance with licensing requirements while controlling costs will require coordinated efforts across colleges, departments, and research groups.

**ArcGIS Online Storage Distribution by Department**  
 11,225 unique users | 210 departments | Total: 493,036.4 MB

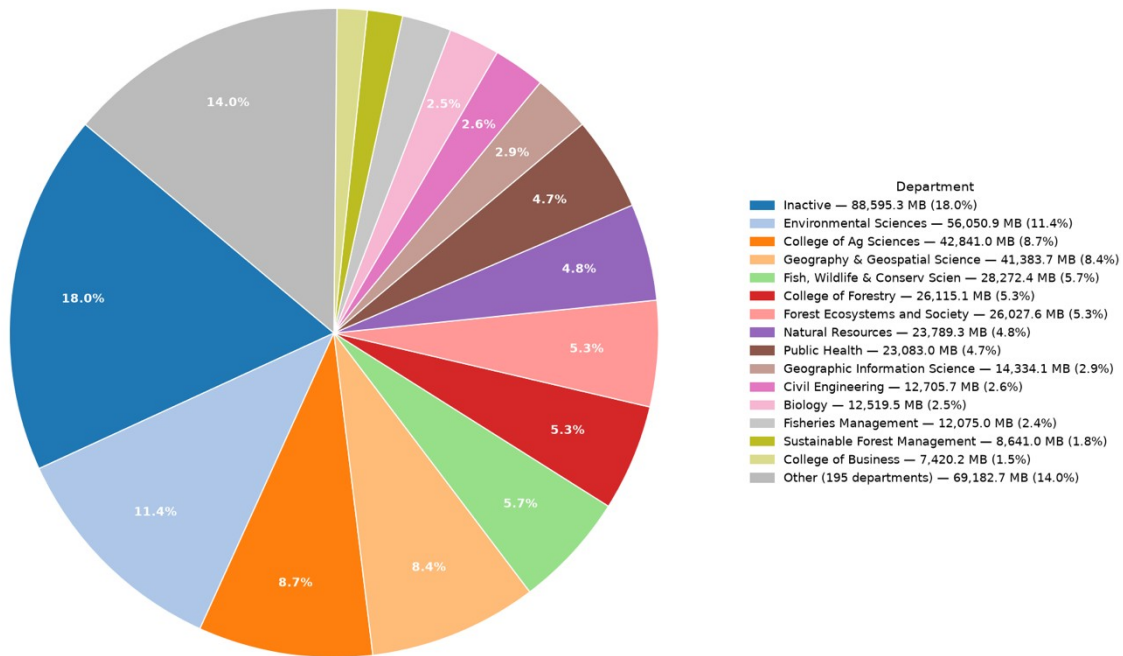


*Figure 7: ArcGIS Online storage distribution across 210 departments and 11,225 users (493,036.4 MB total). Infrastructure is the largest share at 18.0 percent.*

To address these changes, Information and Technology Communications and GIS stakeholders are beginning a long-term stewardship initiative focused on data governance and sustainable platform management. Planned efforts include removing inactive user accounts and their associated content, encouraging voluntary cleanup of large datasets, establishing storage quotas and retention policies, and evaluating alternative locations for long-term data hosting and distribution. These measures are expected to improve platform sustainability, reduce unnecessary costs, and ensure ArcGIS Online remains available for teaching, research, and operational needs across the university for years to come.

Top 20 Departments by ArcGIS Online Storage  
11,225 unique users | 210 departments | Total: 493,036.4 MB

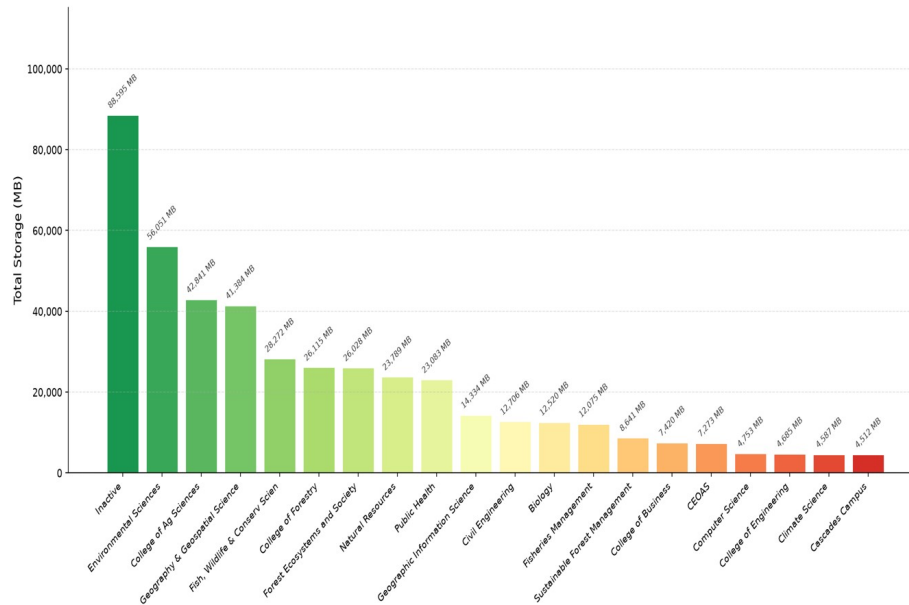


Figure 8: Top 20 departments by ArcGIS Online storage, ranked from about 88,000 MB down to under 5,000 MB.

## Academic Computing

By Cory Langhoff and Wayne Wood

### Classrooms

Welcome to Fall term 2026! The RACS group was able to work with Jason Balderston on rebuilding Wilkinson 129 and Burt Hall 128 classroom spaces. The visual sight lines in the Wilk129 space for the students and teaching staff are much better, and we will continue to monitor the space to ensure it is working correctly. The new Wilkinson 129 space has half of the computers but will be more focused on lab classes.



*Figure 9: The rebuilt Wilkinson 129 classroom, with improved sight lines for students and teaching staff.*



*Figure 10: Aerial photograph of an area with residential buildings and a red running track.*

Here is a list of classes and classrooms below. If you see anything missing or incorrect, please let the RACS group know. Reminder that the R:\ drive should automatically map from any CEOAS lab computer. If it does not, first try logging out and then back in; that usually works to solve the issue. If a student has signed up late, sometimes they are not caught by our scripts, causing their student folder to not be created. Cory will be running the scripts regularly for the first couple of weeks to try and catch as many of those as we can before they need it for the class. If someone still cannot see their student folder, have them shoot RACS an email and Cory can get them added manually. At the end of the term, it is best practice to have your students relocate their student folder data elsewhere. We currently do not delete data when the term ends, but they may not see it in the directory tree anymore, and space is not infinite. Here is a link to the instructions on how to map the R:\ drive to a non-lab or personal computer. [instructions for mapping the R: drive](#)

| Course       | Instructor   | Room     | Course Number |
|--------------|--------------|----------|---------------|
| Clim 201     | Siler        | StAg 361 | Clim 201 001  |
| Clim 301     | Shell        | StAg 361 | Clim 301 001  |
| Clim 323     | Allan        | Wilk 210 | Clim 323 001  |
| Geo 322      | Lancaster    | StAg 361 | Geo 322 001   |
| Geog 201     | Kennedy      | Wilk 210 | Geog 201 001  |
| Geog 360     | Becker       | Wilk 210 | Geog 360 001  |
| Geog 380     | Raleigh      | Wilk 210 | Geog 380 001  |
| Geog 451/551 | Tilt         | Wilk 210 | Geog 451 001  |
| Geog 471/571 | Thatcher     | StAg 361 | Geog 471 001  |
| Geog 560     | Kennedy      | Wilk 210 | Geog 560 001  |
| Geog 565     | Jones        | Wilk 210 | Geog 565 001  |
| Geog 580     | Raleigh      | Wilk 210 | Geog 580 001  |
| OC 201       | Fehrenbacher | Wilk 129 | OC 201 001    |
| OC 350       | McParland    | Wilk 129 | OC 350 001    |
| OC 430       | Nash         | Wilk 129 | OC 430 001    |
|              |              |          |               |
| Clim 201     | Allan        | eCampus  | Clim 201 400  |
| Geog 201     | Jonesy       | eCampus  | Geog 201 400  |
| Geog 360     | Kennelly     | eCampus  | Geog 360 400  |
| Geog 360     | Lowry        | eCampus  | Geog 360 401  |
| Geog 370     | Goslin       | eCampus  | Geog 370 400  |
| Geog 460     | Becker       | eCampus  | Geog 460 400  |
| Geog 464/564 | Walsh        | eCampus  | Geog 464 400  |
| Geog 560     | Walsh        | eCampus  | Geog 560 400  |
| Geog 580     | Nelson       | eCampus  | Geog 580 400  |

*Figure 11: CEOAS course schedule listing course, instructor, room, teaching assistants, and course number. This table is an image; the underlying data is not machine-readable. Ask the RACS group for an accessible data table.*

Mainly for eCampus folks registered in CEOAS courses, but also for on campus folks we have our CEOAS Virtual Desktop Infrastructure (VDI) available. When using the VDI, make sure to store all the data on the R:\ drive, as working from local drives will have terrible performance. The OSU VPN service should NOT be used while using the VDI. It would only hinder performance. [instructions for accessing the CEOAS Virtual Desktop Infrastructure \(VDI\)](#)

For courses that will be utilizing ESRI products, here is a link to the instructions on how to set up your OSU Organizational ArcGIS Online account, it is also the same method to login once your account has been created: [instructions for setting up an OSU ArcGIS Online account](#)

If you are looking to download and install ArcGIS Pro on a personal laptop, here is the information. Just be aware that it does take a computer with considerable resources to run ArcGIS pro. For people with Mac's, or insufficiently provisioned computers, it is better to use the VDI than to try and run ArcGIS Pro: [ArcGIS Pro download and installation instructions](#)

Below are the links and screenshots of the new lab schedules for Spring term, let me know if you want the rest of the teaching classrooms as well:

# Wilk 129

## Wilkinson 129 lab schedule

| Sunday       | Monday | Tuesday | Wednesday                                                                            | Thursday                                                                                | Friday                                                                                | Saturday |
|--------------|--------|---------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|
| September 27 | 28     | 29      | 30                                                                                   | October 1                                                                               | 2                                                                                     | 3        |
|              |        |         | 12:00 pm - 1:50 pm<br>OC 350 011 15024 202701<br>W 1200-1350 CLAS 09/23<br>WILKN 129 | 8:00 am - 9:50 am<br>OC 430 010 19286 202701<br>R 0800-0950 CLAS 09/24<br>WILKN 129     | 10:00 am - 11:50 am<br>OC 201 012 12194 202701<br>F 1000-1150 CLAS 09/25<br>WILKN 129 |          |
|              |        |         | 2:00 pm - 3:50 pm<br>OC 350 010 15023 202701<br>W 1400-1550 CLAS 09/23<br>WILKN 129  | 10:00 am - 11:50 am<br>GEAS 530 012 19290 202701<br>F 1000-1150 CLAS 09/24<br>WILKN 129 | 12:00 pm - 1:50 pm<br>OC 201 014 13114 202701<br>F 1200-1350 CLAS 09/25<br>WILKN 129  |          |
|              |        |         | 4:00 pm - 5:50 pm<br>OC 201 015 14748 202701<br>W 1600-1750 CLAS 09/23<br>WILKN 129  | 2:00 pm - 3:50 pm<br>OC 201 013 12195 202701<br>F 1400-1550 CLAS 09/24<br>WILKN 129     | 2:00 pm - 3:50 pm<br>OC 201 011 12193 202701<br>F 1400-1550 CLAS 09/25<br>WILKN 129   |          |
|              |        |         |                                                                                      | 4:00 pm - 5:50 pm<br>OC 201 010 12123 202701<br>R 1600-1750 CLAS 09/24<br>WILKN 129     |                                                                                       |          |

Figure 12: Wilkinson 129 lab schedule in the 25Live room calendar.

# Wilk 210

## Wilkinson 210 lab schedule

| Sunday       | Monday                                                                                   | Tuesday                                                                                  | Wednesday                                                                              | Thursday                                                                               | Friday                                                                                  | Saturday |
|--------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------|
| September 27 | 28                                                                                       | 29                                                                                       | 30                                                                                     | October 1                                                                              | 2                                                                                       | 3        |
|              | 9:00 am - 9:50 am<br>TA Office Hours - OC 301<br>WILKN 210                               | 8:00 am - 9:50 am<br>GEOG 451 011 XL 16254 202701<br>T 0800-0950 CLAS 09/29<br>WILKN 210 | 10:00 am - 11:50 am<br>TA Office Hours - GEOG 360<br>WILKN 210                         | 8:00 am - 9:50 am<br>GEOG 560 010 12489 202701<br>R 0800-0950 CLAS 09/24<br>WILKN 210  | 8:00 am - 9:50 am<br>GEOG 201 012 14644 202701<br>F 0800-0950 CLAS 09/25<br>WILKN 210   |          |
|              | 10:00 am - 11:50 am<br>GEOG 201 010 12492 202701<br>M 1000-1150 CLAS 09/28<br>WILKN 210  | 8:00 am - 9:50 am<br>GEOG 551 011 XL 16257 202701<br>T 0800-0950 CLAS 09/29<br>WILKN 210 | 12:00 pm - 1:50 pm<br>GEOG 360 010 12802 202701<br>W 1200-1350 CLAS 09/23<br>WILKN 210 | 10:00 am - 10:50 am<br>TA Office Hours - GEOG 380<br>WILKN 210                         | 10:00 am - 11:50 am<br>GEOG 201 011 12493 202701<br>F 1000-1150 CLAS 09/25<br>WILKN 210 |          |
|              | 12:00 pm - 1:50 pm<br>GEOG 565 010 13282 202701<br>M 1200-1350 CLAS 09/28<br>WILKN 210   | 10:00 am - 10:50 am<br>TA Office Hours - GEOG 360<br>WILKN 210                           | 2:00 pm - 3:50 pm<br>GEOG 360 012 12801 202701<br>W 1400-1550 CLAS 09/23<br>WILKN 210  | 12:00 pm - 1:50 pm<br>GEOG 560 011 12488 202701<br>R 1200-1350 CLAS 09/24<br>WILKN 210 | 2:00 pm - 3:50 pm<br>Office Hours - Jessica Garwood<br>WILKN 210                        |          |
|              | 2:00 pm - 3:50 pm<br>GEOG 201 013 20387 202701<br>W 1400-1550 CLAS 09/28<br>WILKN 210    | 11:00 am - 11:50 am<br>TA Office Hours - OC 301<br>WILKN 210                             | 4:00 pm - 5:50 pm<br>GEOG 380 012 19284 202701<br>W 1600-1750 CLAS 09/23<br>WILKN 210  | 2:00 pm - 3:50 pm<br>GEOG 380 011 14639 202701<br>F 1400-1550 CLAS 09/24<br>WILKN 210  |                                                                                         |          |
|              | 4:00 pm - 5:50 pm<br>GEOG 451 010 XL 16123 202701<br>M 1600-1750 CLAS 09/28<br>WILKN 210 | 12:00 pm - 1:50 pm<br>GEOG 580 010 12494 202701<br>T 1200-1350 CLAS 09/29<br>WILKN 210   |                                                                                        | 4:00 pm - 5:50 pm<br>GEOG 380 010 14635 202701<br>R 1600-1750 CLAS 09/24<br>WILKN 210  |                                                                                         |          |
|              | 4:00 pm - 5:50 pm<br>GEOG 551 010 XL 16124 202701<br>M 1600-1750 CLAS 09/28<br>WILKN 210 | 2:00 pm - 3:50 pm<br>CLIM 832 010 18127 202701<br>T 1400-1550 CLAS 09/29<br>WILKN 210    |                                                                                        |                                                                                        |                                                                                         |          |
|              |                                                                                          | 4:00 pm - 5:50 pm<br>GEOG 360 011 14517 202701<br>T 1600-1750 CLAS 09/29<br>WILKN 210    |                                                                                        |                                                                                        |                                                                                         |          |

Figure 13: Wilkinson 210 lab schedule in the 25Live room calendar.

# StAg 361

## StAg 361 lab schedule

| Sunday       | Monday                                                                                   | Tuesday                                                                                 | Wednesday                                                                                | Thursday                                                                                  | Friday                                                                                   | Saturday |
|--------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------|
| September 27 | 28                                                                                       | 29                                                                                      | 30                                                                                       | October 1                                                                                 | 2                                                                                        | 3        |
|              | 9:00 am - 9:50 am<br>CLIM 301 001 13491 202701<br>MW 0900-0950 CLAS 09/23<br>STAG 361    | 10:00 am - 11:50 am<br>CLIM 301 010 13363 202701<br>TR 1000-1150 CLAS 09/24<br>STAG 361 | 9:00 am - 9:50 am<br>CLIM 301 001 13491 202701<br>MW 0900-0950 CLAS 09/23<br>STAG 361    | 10:00 am - 11:50 am<br>CLIM 301 010 13363 202701<br>TR 1000-1150 CLAS 09/24<br>STAG 361   | 8:00 am - 9:50 am<br>CLIM 217 010 19466 202701<br>F 0800-0950 CLAS 09/25<br>STAG 361     |          |
|              | 12:00 pm - 1:50 pm<br>GEO 322 010 MMP 10584 202701<br>M 1200-1350 CLAS 09/28<br>STAG 361 | 4:00 pm - 5:50 pm<br>GEOG 471 010 XL 17069 202701<br>T 1600-1750 CLAS 09/29<br>STAG 361 | 2:00 pm - 3:50 pm<br>CLIM 201 010 MMP 12414 202701<br>W 1400-1550 CLAS 09/23<br>STAG 361 | 12:00 pm - 1:50 pm<br>CLIM 201 012 MMP 12416 202701<br>R 1200-1350 CLAS 09/24<br>STAG 361 | 12:00 pm - 1:50 pm<br>CLIM 217 011 30393 202701<br>F 1200-1350 CLAS 09/25<br>STAG 361    |          |
|              | 2:00 pm - 3:50 pm<br>GEO 322 011 MMP 10585 202701<br>M 1400-1550 CLAS 09/28<br>STAG 361  | 4:00 pm - 5:50 pm<br>GEOG 571 010 XL 17085 202701<br>T 1600-1750 CLAS 09/29<br>STAG 361 | 4:00 pm - 5:50 pm<br>DEAS 540 011 20559 202701<br>W 1600-1750 CLAS 09/23<br>STAG 361     | 2:00 pm - 3:50 pm<br>CLIM 201 011 MMP 12415 202701<br>R 1400-1550 CLAS 09/24<br>STAG 361  | 3:00 pm - 4:50 pm<br>CLIM 201 015 MMP 19287 202701<br>F 1500-1650 CLAS 09/25<br>STAG 361 |          |
|              |                                                                                          |                                                                                         |                                                                                          | 4:00 pm - 5:50 pm<br>CLIM 201 014 MMP 19296 202701<br>R 1600-1750 CLAS 09/24<br>STAG 361  |                                                                                          |          |

Figure 14: StAg 361 lab schedule in the 25Live room calendar.

## OIS Updates

### The CISO's Corner

Dear Colleagues,

As the university prepares for the return of students, faculty, and staff, cybercriminals are preparing as well. The beginning of the academic year consistently brings increased cyber activity targeting colleges and universities, with attackers frequently focusing on unpatched and vulnerable servers.

One of the most important actions we can take collectively is to ensure the systems we manage are fully patched and protected.

We encourage all IT professionals to:

- Review servers and critical infrastructure systems under their care.
- Prioritize remediation of known exploitable vulnerabilities.
- Apply operating system, application, and security patches as soon as practical.
- Verify that public-facing services are necessary and appropriately secured.
- Retire or remove unsupported systems whenever possible.

Unpatched servers remain one of the most common pathways for compromise. To help protect the university, systems determined to present a significant cybersecurity risk may be isolated from the network until vulnerabilities have been addressed.

The Vulnerability Management team is also developing a new notification process that will provide email alerts to IT professionals when vulnerabilities or other security concerns are identified in their areas. More information will be shared in the coming months.

Protecting OSU is a shared responsibility, and the work you do every day helps reduce risk across the university. Thank you for your partnership and continued focus on maintaining secure, reliable systems.

Sincerely,

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**David McMorries**

Chief Information Security Officer, Office of Information Security

**Oregon State University** | University Information and Technology | 541-737-9561



## RCO Updates



*Figure 15: Oregon State University Research Computing Office logo.*

## Oregon State University Establishes a Research Computing Office

Dear OSU Research Community,

The Oregon State University Research Computing Office (RCO) is excited to announce an Early Access Program for Tier 3 Research Storage, a new service designed to provide researchers, laboratories, departments, and project teams with scalable, long-term storage for large research datasets.

Tier 3 Research Storage expands OSU's research computing ecosystem by offering a durable, shared storage environment for data that must be retained and accessed by multiple collaborators over time. The service is ideal for research groups that have outgrown individual workspaces, need a common location for shared data, or require storage that remains available beyond the lifespan of individual computing jobs.

Built as a distributed file system, Tier 3 provides high-capacity shared storage that is accessible from OSU's high-performance computing (HPC) environment. Researchers can manage access

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using standard Linux permissions and work with data through a consistent file path structure that supports scripting, automation, and reproducible research workflows. Storage is available to HPC compute nodes for both read and write operations, making it well suited for projects that depend on shared datasets.

Through this Early Access Program, participating research groups will have the opportunity to begin using the service, provide feedback on workflows and documentation, and help shape future enhancements.

We encourage researchers from all disciplines who manage large or shared datasets to consider participating. If you are interested in joining the Early Access Program or would like to learn more, please contact the Research Computing Office at [research-computing@oregonstate.edu](mailto:research-computing@oregonstate.edu).

Thank you for your partnership as we continue to expand OSU's research computing capabilities and support the university's growing research mission.

**Todd Palmer**

OSU Distinguished Professor

Senior Advisor & Chief Scientist for Research Computing

**Oregon State University** | Division of Research and Innovation

**Shayne Huddleston**

Chief Technology Officer

**Oregon State University** | University Information and Technology



*Figure 16: Oregon State University Research Computing Office banner.*

## Accessibility Statement

This edition of the RACS Newsletter was produced to conform to the Web Content Accessibility Guidelines (WCAG) 2.1 Level AA and the Section 508 standards. In summary:

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- Every image carries alternative text, and images that add no information beyond the surrounding text are marked as decorative.
  - The newsletter uses a proper heading hierarchy, so it can be navigated by heading level. A linked table of contents is provided above.
  - Bulleted content uses real list formatting, so assistive technology announces the number of items in the list.
  - Links have descriptive text instead of raw web addresses, and they are underlined as well as coloured so they are identifiable without colour.
  - All text meets a minimum contrast ratio of 4.5 to 1 against its background, and most text exceeds 7 to 1.
  - Images are placed in the text flow rather than floating, so the document reflows and can be enlarged without loss of content.
  - The document title, language, and other properties are set so assistive technology announces the document correctly.

Known limitation: Figure 11 shows a course schedule as a picture, so the individual table cells are not available to screen reader users. Please contact the RACS group if you need this information in an accessible format.

If you encounter a barrier using this newsletter, please contact the College of Earth, Ocean, and Atmospheric Sciences IT group so the problem can be corrected.

