



Course Request for Spring 2026

Instructions for Sophomores in AOE

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Course Request Basics

- Spring 2026 Course Request Dates:
 - Oct. 21 - Nov. 4, 2025
- Request courses at any point in this window:
 - No priority for early course request.
 - But...don't wait till the last minute!
- Changes can later be made during Add/Drop:
 - 12/1/25 - 1/26/26
- Access the Spring 2026 Timetable at www.hokiespa.vt.edu by selecting “Timetable of Classes” at the bottom of the page, or from the Course Registration and Schedule menu.
- Find the CRNs for the courses you plan to request.

*** New - Hokie Registration***

- Virginia Tech has a new course registration system called **Hokie Registration!** This will be used for both course request and add/drop.
- How to access: **Hokie Spa** ➔ **Course Registration and Schedule Menu** ➔ **Spring 2026 Hokie Registration**
- Once in Hokie Registration you will need to complete pre-registration checks before you can course request
- New features allow students to prioritize courses and add alternative sections during course request. Find a how-to video here: [How to Course Request in Hokie Registration](#)
- More Information:
 - [Course Registration | Undergraduate Academic Affairs | Virginia Tech](#)
 - [Course Registration | Engineering | Virginia Tech](#)

AE: Typical Sophomore Spring Courses

Typical Sophomore Spring Courses

Second Year Spring Semester

☐	AOE 2024: Thin-Walled Structures	3 cr
☐	ECON 2005: Principles of Economics	3 cr
☐	ESM 2304: Dynamics	3 cr
☐	MATH 2214: Differential Equations	3 cr
☐	PHYS 2306: Foundations of Physics	4 cr

16 credits

Keep in Mind:

- MATH 2214, ESM 2304 and/or AOE 2024 are prerequisites for all of the required junior fall courses.
- If you are a first semester transfer student, meet with your advisor because your spring schedule will probably be unique.

OE: Typical Sophomore Spring Courses

Typical Sophomore Spring Courses

Second Year Spring Semester

☐	AOE 2024: Thin-Walled Structures	3 cr
☐	ECON 2005: Principles of Economics	3 cr
☐	ESM 2304: Dynamics	3 cr
☐	MATH 2214: Differential Equations	3 cr
☐	PHYS 2306: Foundations of Physics	4 cr

16 credits

Keep in Mind:

- MATH 2214 and ESM 2304 are prerequisites for required junior fall courses.
- AOE 2024 is a prerequisite for AOE 3224, which must be taken in junior spring.
- If you are a first semester transfer student, meet with your advisor because your spring schedule will probably be unique.

Sophomore Spring FAQs

What should I do if I am missing courses typically taken during first-year?

- Missing first-year courses should be a priority. Try to fit these courses into spring semester.
- In the event that is not possible, you may look into summer offerings either through Virginia Tech or another institution.
- Please consult with your advisor to ensure the course from another institution is equivalent to the Virginia Tech course. See the COE guide to [Transferrable Credits From Other Universities](#).

What should I do if I don't complete AOE 2014 (ESM 2114) in Fall 2025?

- AOE 2014 (ESM 2114) is a prerequisite for ESM 2304 and AOE 2024.
- To stay on a 4-year plan, you need to do the following:
 - Take AOE 2014 in Spring 2026.
 - Take ESM 2304 during Summer 2026.
 - Take AOE 2024 in Fall 2026.
 - Take AOE 3124 (AE major) or AOE 3224 (OE major) in Spring 2027.

What should I do if I don't complete MATH 2204 in Fall 2025?

- MATH 2204 is a prerequisite for ESM 2304 and AOE 2024.
- To stay on a 4-year plan, you need to do the following:
 - Take MATH 2204 in Spring 2026.
 - Take ESM 2304 during Summer 2026.
 - Take AOE 2024 in Fall 2026.
 - Take AOE 3124 (AE major) or AOE 3224 (OE major) in Spring 2027.

What should I do if I don't complete MATH 2114 in Fall 2025?

- MATH 2114 is a prerequisite to MATH 2214. MATH 2214 will need to be completed before taking AOE 3014, 3034, and MATH 4564.
- To stay on a 4-year plan, complete MATH 2114 in Spring 2026 and MATH 2214 during Summer 2026.

What should I do if I don't complete AOE 2074 in Fall 2025?

- Take AOE 2074 in Spring 2026.
- While AOE 2074 is not a prerequisite for any required AOE courses, we recommend taking it as soon as possible. The content in this course will be beneficial for your future courses, and it may be challenging to find space for it in future semesters.

What should I do if I don't complete AOE 2054 in Fall 2025?

- AOE 2054 is not offered in spring.
- You must take it in Fall 2026 in order to stay on track for a 4-year graduation plan.
- To make space for AOE 2054 in your junior fall semester, you can move MATH 4564 to a different term.

What should I do if I don't complete AOE 2104 (AE majors) or AOE 2204 (OE majors) in Fall 2025?

- AOE 2104 or AOE 2204 must be completed as a prerequisite for AOE 3014: Fluid Dynamics.
- **AE majors:** You should take AOE 2104 in Spring 2026 to remain on track for a 4-year degree plan.
- **OE majors:** Unfortunately, AOE 2204 is not offered in spring. Your next opportunity to take it will be Fall 2026. This will put you on a 5-year degree plan. Meet with your academic advisor to discuss your plan and options.

I need to catch up with earlier courses, are there any typical sophomore spring courses that I can postpone?

- ECON 2005 is not a prerequisite for any required course. It would be fine to move this course to a future term.
- PHYS 2306 is not a prerequisite for any required course. It is fine to move this course to a future term, but it may get complicated trying to fit it around future AOE courses. If you can't take it this term, consider taking it during the summer.

What should I do if I am already done with some typical sophomore spring courses?

- If you have finished MATH 2214, you may take MATH 4564.
- If you have completed MATH 2214 and ESM 2304, you may take AOE 3014 and/or AOE 3034.
- AE majors done with ESM 2304, may take AOE 3154.
- OE majors may take GEOS 3034.
- Other courses to consider taking include any remaining Pathways, a track or general technical elective (check prerequisites) and/or courses for a minor.
- Also consider having a lighter course load and getting more involved in extracurricular activities.

Are there any track or general technical electives that I can take?

- Yes! If you are ahead, you can add a track or general tech elective, though you will have fewer options as a sophomore.
- Run a DARS to see if you have already fulfilled any track and/or general tech elective requirements.
- AOE options to consider include: AOE 2664, AOE 2114, AOE undergrad research (taken A-F)
- Non-AOE courses may be an option. Keep in mind that **you may only count 6 credits of non-AOE technical electives** (track & general tech combined).
- Consult your catalog program curriculum, checksheet and/or DARS report.
- When in doubt, contact your advisor!

Are there any courses I can take in the Winter Session?

- Typically no. You will not find AOE courses or math courses offered in the winter term.
- If you still need a Pathways course, many of these are offered in the Winter Session. Most are offered in online, asynchronous format.
- Statics (ESM 2104) is offered in Winter Session. In some special situations, a student may want to take this course if they do not earn credit for AOE 2014 (ESM 2114) during fall semester. The courses ESM 2104 & ESM 2204 can substitute for AOE 2014 (ESM 2114).

In DARS my Pathways Concept 1 - Discourse (advanced) is incomplete. Do I need to add a specific course for this?

- No, you do not need to add an extra course for advanced discourse.
- The advanced discourse requirement is covered by a combination of AOE 3054 and senior design/experiments courses.
- As long as you complete all of the AE or OE major required courses, you will complete your advanced discourse requirement.

AOE Curriculum Resources

- [AOE Undergraduate Curriculum Webpage](#)
- [Virginia Tech Timetable of Classes](#)
- [Undergraduate Course Catalog](#)



COLLEGE OF ENGINEERING
KEVIN T. CROFTON DEPARTMENT OF
AEROSPACE AND OCEAN ENGINEERING
VIRGINIA TECH.

Other Factors Impacting Your Planning?



Still Have Questions?

Contact your advisor!

Emily Metzgar (last names A-G): emilymetzgar@vt.edu

Chelsea Nowak (last names H-Q): cnowak@vt.edu

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Schedule an appointment through [Navigate](#).