Course Request for Spring 2024

Instructions for Sophomores in AOE

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Course Request Basics

- **Spring 2024 Course Request Dates:**
  - October 17-31, 2023
- **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:**
  - 11/24/23 - 1/22/24

More Information From Engineering Education:
https://eng.vt.edu/academics/undergraduate-students/resources-support/course-registration.html
Once the Spring 2024 Timetable becomes available, go to [www.hokiespa.vt.edu](http://www.hokiespa.vt.edu) and select “Timetable of Classes” at the bottom of the page to access it.

- Find the CRNs for the courses you plan to request.
- Access course request through Hokie SPA.
**Typical Sophomore Spring Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESM 2304 Intro to Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2214 Intro to Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>AOE 2024 Thin-Walled Structures</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 2306 Foundations of Physics</td>
<td>4</td>
</tr>
<tr>
<td>Pathways 3 ECON 2005 Principles of Economics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Keep in Mind:**

- MATH 2214, ESM 2304 and/or AOE 2024 are prerequisites for all of the required junior fall courses.
- If you are currently a first semester transfer student, your spring schedule will probably be unique. Meet with your advisor to be sure you understand what you need to take!
OE: Typical Sophomore Spring Courses

Typical Sophomore Spring Courses

Keep in Mind:

➢ MATH 2214, ESM 2304 and/or AOE 2024 are prerequisites for all of the required junior fall courses.

➢ If you are currently a first semester transfer student, your spring schedule will probably be unique. Meet with your advisor to be sure you understand what you need to take!
Sophomore Spring FAQs
What should I do if I am missing courses typically taken during first-year?

➢ If you are missing a course from the first-year of the checksheet, this should be a priority. Please try to fit this course into the next 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 form another institution is equivalent to the Virginia Tech course.
What should I do if I don’t complete ESM 2114 this semester?

- ESM 2114 is a prerequisite to several important courses: ESM 2304 and AOE 2024. You will need to take ESM 2114 in the Spring and complete ESM 2304 during the Summer.
- For an AE student, you can then take AOE 2024 in the Fall, which will subsequently move AOE 3124 to Spring of your 3rd year and keep you on a 4-year plan.
- For an OE student, AOE 3224 Ocean Structures is only offered in the Fall, so there is potential this change would add an additional year to your academic plans.
What should I do if I don’t complete MATH 2204 this semester?

- MATH 2204 is a prerequisite to several important courses: ESM 2304 and AOE 2024. You will need to take MATH 2204 in the Spring and complete ESM 2304 during the Summer.
- For an AE student, you can then take AOE 2024 in the Fall, which will subsequently move AOE 3124 to Spring of your 3rd year and keep you on a 4-year plan.
- For an OE student, AOE 3224 Ocean Structures is only offered in the Fall, so there is potential this change would add an additional year to your academic plans.
What should I do if I don’t complete MATH 2114 this semester?

➢ MATH 2114 is a prerequisite to MATH 2214. MATH 2214 will need to be completed before taking AOE 3014, 3034, or MATH 4564.
➢ To stay on a 4-year plan, complete MATH 2114 in the Spring and MATH 2214 during the Summer.
What should I do if I am already done with some typical sophomore spring courses?

- If you have MATH 2214, you may take MATH 4564.
- If you have ESM 2304, you may take AOE 3154 (AE only).
- If you have MATH 2214 and ESM 2304, you may consider taking AOE 3014 and/or AOE 3034 early.
- OE students may consider taking GEOS 3034 early.
- Other courses to consider will be any remaining Pathways requirements or a track or general technical elective. Check prerequisites before selecting a track or technical elective.
- If you plan to do a minor, this may be a time to fit in minor courses.
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).
- Use our AOE Technical Electives Guide.
- 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 take this course if they do not earn credit for ESM 2114 during fall semester. The courses ESM 2104 & ESM 2204 can substitute for 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 AOE Course Catalog
Other Factors Impacting Your Planning?

- 5-year plan
- Co-op
- Pathways
- minors
- double major
- Cadet
Still Have Questions?

Contact your advisor!

Emily Metzgar (last names A-G):  emilymetzgar@vt.edu
Chelsea Nowak (last names H-Ri):  cnowak@vt.edu
Brian Kastner (last names Ro-Z):  briank4@vt.edu

Schedule an appointment through Navigate.