Course Request for Spring 2024

Instructions for Juniors 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 Junior Spring Courses

Keep in Mind:

- Your choice of AOE 3134 or AOE 3144 will determine which senior design courses you take.
- For AOE 3054 you need to enroll in a 3-credit lecture CRN & a 0-credit lab CRN.
- If you took AOE 2024 in FA 2023, you MUST take AOE 3124 in SP 2024.
- The only course on this list that is NOT a prerequisite for senior design and/or AOE 4105 is the Track Tech Elective.
Typical Junior Spring Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOS 3034(i) Oceanography</td>
<td>3</td>
</tr>
<tr>
<td>AOE 3234(i) Ocean Vehicle Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>Pre: 3014, 3034, 3214</td>
<td></td>
</tr>
<tr>
<td>AOE 3264(i) Thermodynamics and Marine Propulsion</td>
<td>3</td>
</tr>
<tr>
<td>Pre: 2204, 3014</td>
<td></td>
</tr>
<tr>
<td>AOE 3054(i) Experimental Methods</td>
<td>3</td>
</tr>
<tr>
<td>Pre: 2024, 2054, 3014, 3034</td>
<td></td>
</tr>
<tr>
<td>Track Technical Elective</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

Keep in Mind:

- For AOE 3054 you need to enroll in a 3-credit lecture CRN & a 0-credit lab CRN.
- The only courses on this list that are NOT prerequisites for senior design and/or AOE 4205 are GEOS 3034 and the Track Tech Elective.
Junior Spring FAQs
What should I do if I am taking AOE 3054 and/or AOE 3114 in Fall 2023?

➢ Congratulations, you are ahead of schedule!
➢ You can bump up a Pathways course, track/general technical elective course or STAT 4705 (OE majors)/Math Elective (AE majors).
➢ If you are missing any earlier courses (e.g. MATH 4564) this is a good time to catch up.
What should I do if I am taking Thin-Walled Structures (AOE 2024) in Fall 2023?

➢ **AE:** You **MUST** take AOE 3124 in the spring.

➢ **OE:** AOE 3224 is not offered in the spring. You will need to ask your senior design professor if a prerequisite petition can be used to take AOE 3224 concurrently with AOE 4265 during Fall 2024. This is up to the professor and not guaranteed.
Are there any courses I can take in the Winter Session?

➢ Not typically. 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.
How should I decide what Track Elective to take?

➢ While the checksheet lists a “Track Technical Elective”, you can take either a track tech elective or a general tech elective.
➢ Run a DARS to see if you have already fulfilled any track and/or general tech elective requirements.
➢ If you know what track you plan to complete, see if a track course you are interested in is available for Spring 2024. You should have prerequisites for the majority of track/general tech elective options at this point.
➢ Use our [AOE Technical Electives Guide](#).
➢ When in doubt, contact your advisor!
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
- double major
- Cadet
- minors
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.