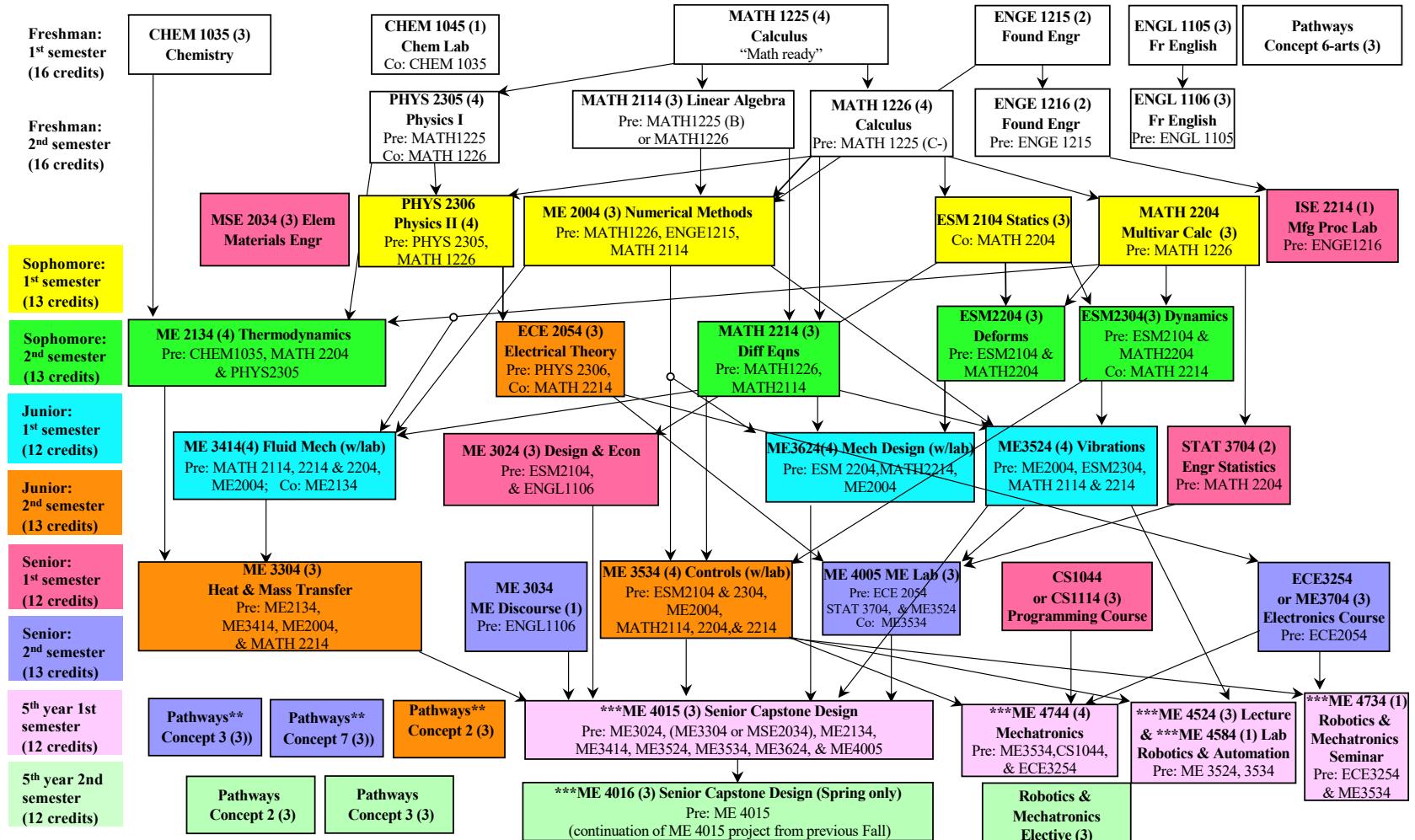


Still not sure about a major?  
See: [www.careercornerstone.org](http://www.careercornerstone.org) for help choosing an engineering or science major

## B.S. in Mechanical Engineering - Robotics & Mechatronics Major<sup>1</sup> 5 year Military Plan

*Revised January 2025. For more information, please see [www.me.vt.edu](http://www.me.vt.edu). This is an unofficial planning tool only; please see the approved checksheets on the Registrar's website and the Undergraduate Catalog for official graduation requirements based on date of entry to Virginia Tech..*



**Satisfactory Progress Towards Degree (PTD) requirements:** see ME website for more information, [www.me.vt.edu](http://www.me.vt.edu).

<b>Overall GPA</b>	2.000 or higher (all courses taken at VT)
<b>Classis In-Major GPA</b>	2.000 or higher (all ME, NSEG courses) for students following 2023-24 or earlier checksheet; if no grades have been earned in ME or NSEG courses, must average 2.000 or higher on ESM courses until an ME/NSEG GPA exists
<b>In-Major GPA</b>	2.000 or higher (all ESM, ME, NSEG courses) for students following 2024-25 catalog or later catalog
<b>All courses</b>	Must pass within first 3 attempts including attempts ending in a W or WP grade
<b>MATH2114, MATH2204, &amp; ESM2104</b>	Complete within 50 attempted required credits*
<b>ME2004, ESM2304, MATH2214</b>	Complete within 69 attempted required credits*
<b>ME2134, ME3524, &amp; (ME3624 or 3024)</b>	Complete within 87 attempted required credits*
<b>ME4015</b>	Complete within 104 attempted required credits*
*Attempted required credits include all attempts required for the BSME degree showing up on a student's transcript including attempts ending in W or WP grades. The total does not include free electives, technical electives, or Pathways electives. Transfer courses used to cover a required course at VT count towards the attempted required credit total.	

**Notes:**  
Arrows denote prerequisites. Prerequisites of prerequisites must be met. Prerequisites may change without warning - see undergrad catalog for updates.  
\*\*Combine Pathways Concept 7 with Concept 2 or to eliminate 3 credits.  
\*\*\*Senior courses are offered only once per year; ME4015 & ME4016 must be taken in order during the same academic year, beginning in Fall.  
<sup>1</sup>Assumes that classes with white fill have been completed before entering ME Department; adjust as necessary.