## PATHWAY TO GENERAL EDUCATION



Graduation Requirements: In addition to Required Courses listed on the first page, each student must complete courses listed in one of the boxes on pages 4-7 to equal at least 120 credits, with a minimum overall GPA of 2.0000 and a minimum in-major GPA of 2.0000 .
For purposes of GPA computation, courses included IN-MAJOR are courses listed in the DEGREE CORE on page 1, APSC 4004 and ALS 3104 in the Pathway to General Education on page 1, and designated ( + ) courses in all options on pages 4-7.
+These courses are included in the in-major GPA calculation; *MATH 1025 is the pre-requisite for PHYS 2205; ** These credits will NOT be included in the calculation of the inmajor GPA; ***A grade of C or better is required.
\#These courses have prerequisites and /or corequisites; please consult the University Course Catalog or check with your advisor.
An APSC degree may be earned in combination with the first year of work in an accredited medical, dental, or veterinary school, provided that the following requirements are met: at least two of the three years of pre-professional work, including the third year, are in residence at VT; and a minimum of 90 semester credits of undergraduate work that include all the courses listed above as Pathway to General Education and Degree Core, and at least 1 handling lab and 1 production course.
Progress Towards Degree Policy: Upon the completion of 72 credits, APSC students must have completed CHEM 1036 and 1046, APSC 1454 and 1464 , and 6 credits from ALS 2304, 3104, or 3204; have a minimum overall GPA of 2.0; and have completed at least 24 credits that apply to the Pathway to General Education requirements.
Foreign Language Requirement: Two semesters of a single foreign language are required unless 2 units of a single foreign language are completed in high school. These credits do not count toward graduation requirements.

## RESTRICTED AND FREE ELECTIVES

See the boxes on pages 4-7 for information on how many credits to choose from each Restricted Elective Category below. Courses used for Pathways 1-6, Degree Core, or Emphasis cannot be double counted as Restricted or Free Electives. All restricted electives must be taken on an A-F basis unless offered P/F only.

## 2964, 2974, 2984, 2994, 3954, 3964, 3984, 4964, 4974, 4984 and 4994 courses

 will be approved on a case-by-case basis.NOTE: Enrollment in specific courses listed on pages 2 and 3 is not guaranteed. Consult with your advisor when choosing restricted electives. Unless otherwise indicated, courses are $\mathbf{3}$ credits.

| Agricultural/Applied Electives |  |  |  |
| :--- | :--- | :--- | :--- |
| ALCE 3XXX \& higher |  | FIW 2XXX \& higher |  |
| ALS 2XXX \& higher |  | FST 2XXX \& higher |  |
| APSC (including P/F) |  | GEOG 4XXX |  |
| BMVS 4054² | Laboratory Animal <br> Management | HIST 2524 | History of Agriculture |
| BSE 2XXX \& higher |  | HNFE 1004 | Foods, Nutrition \& Exercise |
| CSES 2XXX \& higher |  | HNFE 2XXX \& higher |  |
| DASC 2XXX \& higher |  | HORT 2XXX \& higher |  |
| ENT 2XXX \& higher |  | PHS 2XXX \& higher |  |
| \#ENGL 3104 |  | Professional Writing | PPWS 2XXX \& higher |



Business Electives

| AAEC 2XXX \& higher |  | CONS 2304 | Consumer \& Family Finances |
| :--- | :--- | :--- | :--- |
| ACIS 1504 | Intro to Bus Analytics \& BI | ECON 2XXX \& higher |  |
| ACIS 2XXX \& higher |  | \#ENGL 3774 | Business Writing |
| AHRM 2404 | Consumer Rights | FIN 3XXX \& higher |  |
| \#APSC 3764 | Livestock Merchandising | HTM 2XXX \& higher |  |
| \#APSC 4554 | Adv Livestock Enterprise <br> Mgmt | IS 2XXX \& higher |  |
| BIT 2XXX \& higher |  | LDRS 2XXX \& higher |  |
| CMST 2XXX \& higher |  | MGT 2XXX \& higher |  |
| COMM 2XXX \& higher |  | MKTG 3XXX \& higher |  |
|  |  | PR 2XXX \& higher |  |
|  |  |  |  |



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## Science Electives

| \#ALS 2404 (BIOL 2404) | Biotech in Global Soc | \#DASC 4374 | Physiology of Lactation |
| :--- | :--- | :--- | :--- |
| \#ALS 4554 (BIOL 4554) | Neurochemical Regulation | \#DASC 4384 |  |
| \#ALS 4574 (BIOL 4574) |  <br> Mammals | ENSC 3XXX |  |
| \#APSC 3064 | Comp/Lab Animal Science | ENT 3XXX |  |
| \#APSC 3304 | Embryology | \#NT 4354 (BIOL 4354) -4 cr |  |
| \#APSC 4054 (BCHM <br> 4054) | Genomics | Technical Writing |  |
| \#APSC 4224 | Equine Exercise Physiology | FST 4XXX |  |
| \#APSC 4304 (DASC <br> 4304) | Bovine Reproductive <br> Practices | MATH 1025 \& higher |  |
| \#APSC 4514 | Animal Growth and <br> Development | \#NEUR 2025-2026 | Intro. to Neuroscience |
| APSC 4994 | Undergraduate Research | \#NEUR 3XXX \& higher |  |
| BCHM 2XXX \& higher <br> (except 4074) | \#PHYS 2205-2206, 2215- <br> 2216 | General Physics |  |
| BIOL 2XXX \& higher <br> (except 3404, 3504, 3804, <br> 3814, 4594) |  | PPWS 3XXX \& higher <br> (except 4154, 4164, 4604) |  |
| \#BMVS 4074 | Pharmacology | \#PSYC 2074 | Animal Behavior |
| CHEM 2XXX \& higher <br> (except 4014) |  | STAT 3XXX \& higher |  |



[^0]
## Free Electives

## Course

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Course Cr. Grade


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[^0]:    ${ }^{1}$ Only one of the three may be used as Restricted Electives towards an APSC degree.
    ${ }^{2}$ BMVS 4054 will count as a free elective in the companion/lab animal emphasis

