

James Bowie High School Endorsements

Arts and Humanities

Complete Foundation Plan and general endorsement requirements, including one of the following:

- € A total of 5 credits in Social Studies including W. Geography, World History, US History, Government/ Economics, and one additional credit from the following:
 AP Comparative Government (0.5 credit) Street Law (0.5 credit) AP Human Geography (0.5 credit)
 AP Psychology (1.0 credit) Ethnic Studies (1.0 credit) AP Microeconomics (0.5 credit)
- € A total of 4 credits from the same Language Other than English (LOTE):
 French Spanish ASL
- € A total of 2 credits from the same Language Other than English, plus 2 additional credits from a second LOTE.
- € A total of 4 or more credits in English electives from the following:
 Creative Writing 1 and/or 2 Contemporary American Novel
 Science Fiction and Fantasy True Crime Novel Studies
- € A coherent sequence of 4 or more credits from Fine Arts, from one or two of the following categories:

<u>Art</u>	<u>Band</u>	<u>Choir</u>	<u>Dance</u>	<u>Music</u>	<u>Theatre</u>
Art 1	Band 1-4	Treble Choir	Dance 1-4	AP Music Theory	Theatre Arts 1-4
Drawing 1-3	Chamber Winds 1-4	Tenor/ Base Choir	Pre-Drill	Classical Guitar 1-4	Technical Theatre 1-4
Sculpture 1-3	Color Guard 1-4	Silver Sound Ensemble	Silver Stars	Piano 1-4	Theatre Production 1-4
AP 3D Design	Jazz Band 1-4		JV Dance	Orchestra	Musical Theatre 1-4
AP Art History	Percussion 1-4				
AP Studio Art	Steel Drums 1-4				

Business and Industry

Complete Foundation Plan and general endorsement requirements, including one of the following:

- € A coherent sequence of 4 or more credits in Agricultural, Food and Natural Resources:
 Principles of Agriculture, Food, and Natural Resources Advanced Animal Science
 Small Animal Management/ Equine Science Practicum in Ag-Vet Medicine
 Veterinary Medical Applications Horticulture Science
- € A coherent sequence of 4 or more credits in Arts, A/V Technology and Communication:
 Newspaper 1-4 Yearbook 1-4 Principles of Arts, A/V, & Technology
 Graphic Design & Illustration 1-2 Practicum in Graphic Design (2 credits) Animation 1 & 2
- € A coherent sequence of 4 or more credits in Business Management and Administration:
 Business Information Management Accounting 1 and/ or 2
 Entrepreneurship Money Matters
- € A coherent sequence of 4 or more credits in Hospitality and Tourism:
 Nutrition Foot & Wellness Culinary Arts (2 credits) Practicum in Culinary Arts (2 credits)
- € A total of 4 or more credits in English electives including 3 levels in:
 Debate/ Oral Interpretation Journalism Newspaper
 Yearbook

Multidisciplinary

Complete Foundation Plan and general endorsement requirements, including one of the following:

- € A total of 4 credits from any endorsement area. It does not need to be a coherent sequence.
- € A total of 4 credits from AP level or Dual Credit courses.
- € A total of 4 credits in each of the 4 core subject areas, including Algebra 2, English 4, Chemistry and/or Physics.

Public Service

Complete Foundation Plan and general endorsement requirements, including one of the following:

- € A total of 4 credits in Junior Reserve Officer Training Corps (JROTC 1-4)
- € A coherent sequence of 4 or more credits in Health Science:
 Principles of Health Science Health Science Theory Practicum in Health Science (2 credits)
 Advanced Anatomy Advanced Medical Microbiology
- € A coherent sequence of 4 or more credits in Education and Training:
 Child Development Ready, Set, Teach! (2 credits) Practicum in Education (2 credits)

Science, Technology, Engineering, and Mathematics (STEM)

Complete Foundation Plan including Algebra 2, Chemistry, **Physics**, and one of the following:

- € A total of 5 credits in math by completing Algebra 1, Geometry, Algebra 2, and 2 additional advanced math credits from the following:
 Advanced Quantitative Reasoning Pre-Calculus, AP Pre-Calculus, or UT OnRamps Pre-Calculus
 AP Calculus AB UT OnRamps Statistics
 AP Calculus BC Multivariable Calculus
- € A total of 5 credits in science by completing Biology, Chemistry, Physics, and 2 additional advanced science credits from the following:
 AP Biology Advanced Animal Science
 AP Chemistry Aquatic Science
 AP Environmental Science Biotechnology 1 & 2
 AP Physics 1 Medical Microbiology Engineering Design and Problem Solving 1 & 2
 AP Physics C Environmental Systems
 Anatomy/ Physiology UT OnRamps Physics
- € A total of 6 credit including Algebra 2, Chemistry, Physics, and a coherent sequence of 3 additional credits from the two following areas:
 Computer Science Advanced Science Advanced Math Engineering Biosciences
- € A coherent sequence of 4 or more credits in Computer Science:
 Fundamentals of Computer Science Computer Science 1 Computer Science 2
 AP Computer Science A AP Computer Science Principles Projects in Computer Science