

# 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)    Contemporary Issues (0.5 or 1.0 credit)  
 AP Human Geography (0.5 credit)    Psychology (0.5 credit)
- A total of 4 credits from the same Language Other than English (LOTE):  
 French 1-6    Spanish 1-6  
 ASL 1-4    Latin 1-4
- 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    Humanities-Scholars
- A coherent sequence of 4 or more credits from Fine Arts, from one or two of the following categories:

| <b>Art</b>              | <b>Band</b>       | <b>Choir</b>              | <b>Dance</b>          | <b>Music</b>               | <b>Theatre</b>           |
|-------------------------|-------------------|---------------------------|-----------------------|----------------------------|--------------------------|
| Art I or Advanced Art I | Band 1-4          | Concert Treble Choir      | Dance 1-4             | AP Music Theory            | Theatre Arts 1-4         |
| Drawing 1-3             | Chamber Winds 1-4 | Concert Tenor/ Base Choir | Pre-Drill             | Classical Guitar 1-4       | Theatre Arts I Adv.      |
| Sculpture 1-3           | Color Guard 1-4   | Intermediate Choir        | Silver Stars 1-3      | Piano 1-4                  | Technical Theatre 1-4    |
| AP 3D Design            | Jazz Band 1-4     | Varsity Mixed Choir       | Musical Theatre Dance | Camerata Orchestra         | Technical Theatre I Adv. |
| AP Art History          | Percussion 1-4    | Silver Sound Ensemble     | JV Dance              | Sinfonietta Orchestra 2-4  | Theatre Production 1-4   |
| AP Studio Art           | Steel Drums 1-4   |                           | Choreo./ Improv.      | Symphony Orchestra 2-4     | Musical Theatre 1-4      |
|                         |                   |                           |                       | Philharmonic Orchestra 2-4 |                          |

## 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
- A coherent sequence of 4 or more credits in Arts, A/V Technology and Communication:  
 Photo 1    Commercial Photography 1 and/ or 2    Practicum in Commercial Photography (2 credits)  
 Newspaper 2-4    Yearbook 1-4    Principles of Arts, A/V, & Technology  
 Graphic Design & Illustration 1 and/or 2    Project Based Research- Graphic Design (2 credits)    Animation 1 and/ or 2  
 Video Game Design (TBD)
- )A coherent sequence of 4 or more credits in Business Management and Administration:  
 Business Information Management    Accounting 1 and/ or 2  
 Principles of Business, Marketing, & Finance    Business Management  
 Money Matters
- A coherent sequence of 4 or more credits in Hospitality and Tourism:  
 Family Studies/ Lifetime Nutrition and Wellness    Culinary Arts (2 credits)  
 Hospitality Services (2 credits)    Practicum in Culinary Arts (2 credits)  
 Practicum in Hospitality Services (2 credits)    Culinary Restaurant Management
- 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 II, English IV, 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 Education and Training:  
 Business Info. Management    Child Development  
 Ready, Set, Teach! (2 credits)    Practicum in Education (2 credits)

## Science, Technology, Engineering, and Mathematics (STEM)

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

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