**Next Gen Accuplacer - New Branching Profile and Cut Scores**

The two Accuplacer Tests we administer:

Quantitative Reasoning, Algebra, and Statistics (QAS)

Advanced Algebra and Functions (AAF)

**General Question(s)**

Which of the following options includes the major(s) you are most likely to pursue?

**a) does not require trigonometry or higher math, and does not require chemistry**

**Arts:** Art, Graphic/Information Design, Music, Theater

**Athletic Training**

**Business/Management:** Accounting, Finance, Hospitality/Tourism, Management Information Systems, Marketing

**Education** (with specialization other than math or general science)

**Humanities:** Communication, English, Journalism, Modern Languages (French, Italian, etc.), History, International Studies, Media, Philosophy

**Social Sciences:** Anthropology, Criminology, Economics, Geography, Political, , Psychology, Sociology

**Social Work**

**b) requires chemistry and/or trigonometry but not pre-calculus or higher math**

**Biology**

**Education** with specialization in general science

**Exercise Science**

**Management** - Construction or Manufacturing

**Nursing**

**NON calculus-dependent technology:** Electronics, Graphics, Industrial, Networking Information Tech.

**c) requires pre-calculus or higher math**

**Engineering:** Civil, Computer, Cybersecurity, Manufacturing Tech., Mechanical, Robotics

**Mathematics**: including Education (elementary or secondary math specialization), Statistics, Actuarial

**Science:** Biochemistry, Biomolecular Science, Chemistry, Computer, Earth, Physics

Branching Profiles and Placement Scores:

**IF a) THEN take QAS and only QAS**

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| --- | --- |
| **QAS score** | **Placement** |
| 200 - 225 | MATH 099 |
| 226 - 245 | MATH 102CB |
| 246 - 274 | MATH 102 |
| 276 - 300 | MATH 102, 105, 106, 110, 113, 123  STAT 104, 200, 215 |

**IF b) THEN take QAS and then AAF if high enough on QAS**

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| **QAS score** | **Placement** |
| 200 - 225 | MATH 099 |
| 226 - 245 | MATH 102CB |
| 246 - 259 | MATH 102 |
| 260 - 300 | ----- Take **AAF** |

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| --- | --- | --- |
| **QAS score** | **AAF score** | **Placement** |
| 260 - 300 | 200 - 225 | MATH 102 |
| 226 - 265 | MATH 102 or MATH 103 |
| 266 - 280 | MATH 115, 116 |
| 281 – 300 | MATH 119 |

**IF c) THEN take AAF and then QAS if low on AAF**

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| **AAF score** | **Placement** |
| 200 - 225 | **----- Take QAS** |
| 226 - 265 | MATH 103 |
| 266 - 280 | MATH 115, 116 |
| 281 – 290 | MATH 119 |
| 291-300 | MATH 119  If you feel that you have the knowledge and skills to be placed higher than Pre-Calculus or Trigonometry, you may see the Chair of the Department of Mathematical Sciences. The chair will review your background to determine whether or not it is appropriate for you to enroll in a college-level calculus course. |

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| **AAF Score** | **QAS score** | **Placement** |
| 200 - 225 | 200 - 225 | MATH 099 |
| 226 - 250 | MATH 102CB |
| 251 - 300 | MATH 103 |