

Fall 2019 BSU MATHEMATICS PLACEMENT ADVISING

M. Salomone 1/2019

SCORES	SCI & MATH: Biology Chemistry – All** Computer Science Earth Sciences Enviro. Geoscience Geol. Sci. - BA & BS Mathematics Physics	SCI & AVIATION: Aviation Flight Aviation Management* *also requires MATH110 Biology Earth Sciences Enviro. Geoscience Geol. Science. - BS **Chem-Biochem, Chem-Enviro. with consent of adviser	BUSINESS: Accounting & Fin. Management	EDUCATION: Elementary Education Elementary Ed. Dual Elementary Ed. Double public school licensure <u>Strongly Recommended</u> Early Childhood Ed. Special Education	SELECT PROGRAMS: Geography Public Health <u>Recommended</u> Anthropology Criminal Justice <u>Preferred</u> Political Science Psychology	ALL OTHERS: Arts Allied Sciences in Ed. Comm. Disorders Early Ed. & Care Humanities Secondary Education/ Social Sciences
Accuplacer II	The Advanced Algebra and Functions exam assesses readiness for precalculus and calculus.					
AAF 263–300 + QAS 268–300	MATH 161E & MATH 143	MATH 141	MATH 144	MATH 112	MATH 110	MATH 105 or MATH 110
AAF 243–262 + QAS 268–300	MATH 150	MATH140	MATH 140	MATH 112	MATH 110	MATH 105 or MATH 110
AAF 200–242	↓ SEE SAT MATH Score or ACCUPLACER QAS Score ↓					
SAT–MATH	SAT scores were rescaled in 2017. Verify whether a student's score follows the older (S01) or newer (S12) scale.					
540+ old scale 570+ new scale	MATH 150	MATH 140	MATH 140	MATH 112	MATH 110	MATH 105 or MATH 110
0–539 old scale 0–569 new scale	↓ SEE ACCUPLACER QAS Score ↓					
Accuplacer I	The Quantitative, Algebra, Statistics exam assesses readiness for introductory college-level math.					
QAS 268–300	<i>If college algebra in transfer:</i> MATH 150 <i>If not:</i> MATH 095	MATH 140E & MATH 140T	MATH 140E & MATH 140T	MATH 112	MATH 110	MATH 105 or MATH 110
QAS 262–267	<i>If college algebra in transfer:</i> MATH 150 <i>If not:</i> MATH 095	<i>If college algebra in transfer:</i> MATH 140E & 140T <i>If not:</i> MATH 095	<i>If college algebra in transfer:</i> MATH 140E & 140T <i>If not:</i> MATH 095	<i>If any college math transfer:</i> MATH 112 <i>If not:</i> MATH 090	MATH 110E & MATH 110T	MATH 105 or MATH 110E & 110T
QAS 200–261	<i>If college algebra in transfer:</i> MATH 150 <i>If not:</i> MATH 095	<i>If college algebra in transfer:</i> MATH 140E & 140T <i>If not:</i> MATH 095	<i>If college algebra in transfer:</i> MATH 140E & 140T <i>If not:</i> MATH 095	<i>If any college math transfer:</i> MATH 112 <i>If not:</i> MATH 090	<i>If any college math transfer:</i> MATH 110 <i>If not:</i> MATH 090	<i>If any college math transfer:</i> MATH 105 or 110 <i>If not:</i> MATH 090

Information and free review materials for the Accuplacer exams can be found at accuplacerpractice.collegeboard.org.

ECED, ELED, SPED & Secondary Ed Majors should also consider the math requirements of their second major. See chart above.

MATHEMATICS BY MAJOR: *Introductory Pathway Requirements, 2018 – 2019*

Accounting & Finance	MATH 095 > MATH 140 > MATH 144	Environmental Geosciences	MATH 095 > MATH 140/150 > > MATH 141/161 > MATH 142/162
Anthropology	MATH 090 > > MATH 110 (<i>recom.</i>) or MATH 105	Geography BA or BS	MATH 090 > MATH 110
Art and Art History	MATH 090 > MATH 105 or MATH 110	Geological Sciences BA	MATH 095 > MATH 150
Athletic Training	MATH 090 > MATH 105 or MATH 110	Geological Sciences BS	MATH 095 > MATH 140/150 > > MATH 141/161 > MATH 142/162
Aviation Flight	MATH 095 > MATH 140 > MATH 141	Health Studies	MATH 090 > MATH 105 or MATH 110
Aviation Management	MATH 095 > MATH 140 > MATH 141 and MATH 110	History	MATH 090 > MATH 105 or MATH 110
Biology BA	MATH 095 > MATH 140/150*	Management	MATH 095 > MATH 140/150 > > MATH 144
Biology BS	MATH 095 > MATH 140/150* > > MATH 141/161 > MATH 142/162	Mathematics	MATH 095 > MATH 150 > > MATH 161 > MATH 162
Chemistry - All Concentrations* <i>*Biochem and Environ. concs. permit MATH 141 w/adv consent</i>	MATH 095 > MATH 150* > > MATH 161 > MATH 162	Music	MATH 090 > MATH 105 or MATH 110
Communication Sci & Disorders (speech therapy)	MATH 090 > MATH 105 or MATH 110	Philosophy	MATH 090 > MATH 105 or MATH 110
Communication Studies (inc. Theater)	MATH 090 > MATH 105 or MATH 110	Physical Education	MATH 090 > MATH 105 or MATH 110
Computer Science	MATH 095 > MATH 150 > > MATH 161 > MATH 162	Physics BA or BS	MATH 095 > MATH 150 > > MATH 161 > MATH 162
Criminal Justice	MATH 090 > > MATH 110 (<i>recom.</i>) or MATH 105	Political Science	MATH 090 > > MATH 110 (<i>pref.</i>) or MATH 105
Dance	MATH 090 > MATH 105 or MATH 110	Psychology	MATH 090 > > MATH 110 (<i>pref.</i>) or MATH 105
Early Education & Care (childcare / daycare)	MATH 090 > MATH 105 or MATH 110	Public Health	MATH 090 > MATH 110
Early Childhood Education (public school licensure)	MATH 090 > MATH 112 > MATH 113 (<i>strongly recom. for MTEL</i>)	Secondary Education (public school licensure)	Complete the math requirements of your second / subject area major
Earth Sciences	MATH 095 > MATH 140/150 > > MATH 141/161 > MATH 142/162	Social Work	MATH 090 > MATH 105 or MATH 110
Economics	MATH 090 > MATH 105 or MATH 110	Sociology	MATH 090 > MATH 105 or MATH 110
Elementary Education or Elem. Ed Dual or Double Degree (public school licensure)	MATH 090 > MATH 112 > > MATH 113 > MATH 114 (can be taken before MATH 113)	Spanish	MATH 090 > MATH 105 or MATH 110
English	MATH 090 > MATH 105 or MATH 110	Special Education Moderate or Severe (public school licensure)	MATH 090 > MATH 112 > MATH 113 (<i>strongly recom. for MTEL</i>)