

# Summer 2020, Fall 2020, Spring 2021 MATH PLACEMENT ADVISING

M. Salomone 5/2020

<b>PLACEMENT CRITERIA:</b> The highest factor among the options listed below determines placement.				SCI & MATH:	SCI & AVIATION:	BUSINESS:	EDUCATION:	SELECT PROGRAMS:	ALL OTHERS:
				Chemistry – All** Computer Science Earth Sciences Enviro. Geoscience Geol. Sci. - BA & BS Mathematics Physics	Aviation Flight Aviation Management* *also requires MATH110 Biology Earth Sciences Enviro. Geoscience Geol. Science. - BS **Chem-Biochem, Chem-Enviro. with consent of adviser  *MATH 140E+140T offered through S'21 to continuing students only (admitted pre-Fall 2020)	Accounting & Finance Management Marketing  *MATH 140E+140T offered through S'21 to continuing students only (admitted pre-Fall 2020)	Elementary Education Elementary Ed. Dual Elementary Ed. Double public school licensure Early Childhood Ed.  <u>Strongly Recommended</u> Special Education	Health Science Public Health <u>Recommended</u> Anthropology Communication Disorders Criminal Justice Political Science Psychology	Arts Early Ed. & Care Health Studies Humanities Physical Education Secondary Education* *only if 2 <sup>nd</sup> major is also in this pathway
Classic Accuplacer	Next-Gen Accuplacer	SAT-Math (2016-)	BEAR Exam						
CLM 55+	AAF 263+	SATM 670+	BEAR 300+	MATH 161E & MATH 143	MATH 141	MATH 144 or MATH 132 (S'21)	MATH 112	MATH 110	MATH 105 or MATH 110
CLM 48+	AAF 263+	SATM 650+	BEAR 240+	MATH 150	MATH 141	MATH 144 or MATH 132 (S'21)	MATH 112	MATH 110	MATH 105 or MATH 110
CLM 28-47	AAF 243-262	SATM 590+	BEAR 180+	MATH 150	MATH 140	MATH 122 or MATH 140	MATH 112	MATH 110	MATH 105 or MATH 110
EA 82+	QAS 268+	SATM 570+	BEAR 8+	MATH 122	MATH 122 *or MATH 140E+140T	MATH 122 *or MATH 140E+140T	MATH 112	MATH 110	MATH 105 or MATH 110
EA 72-81	QAS 262-267	SATM 530-560	BEAR 7	MATH 122E & MATH 122T	MATH 122E & MATH 122T *or MATH 140E+140T via listed EA score only	MATH 122E & MATH 122T *or MATH 140E+140T via listed EA score only	MATH 112 via EA or SAT scores only Otherwise: MATH 090	MATH 110E & MATH 110T	MATH 105 or MATH 110E & 110T
EA 60-71	QAS 252-261	SATM 500-520	BEAR 6	MATH 122E & MATH 122T	MATH 122E & MATH 122T *or MATH 140E+140T via listed EA score only	MATH 122E & MATH 122T *or MATH 140E+140T via listed EA score only	If any college math transfer: MATH 112 If not: MATH 090	If any college math transfer: MATH 110 If not: MATH 090	If any college math transfer: MATH 105 or 110 If not: MATH 090
EA 0-59	QAS 0-251	SATM 0-490	BEAR 0-5	MATH 095	MATH 095	MATH 095	If any college math transfer: MATH 112 If not: MATH 090	If any college math transfer: MATH 110 If not: MATH 090	If any college math transfer: MATH 105 or 110 If not: MATH 090

These placement guidelines apply to Summer 2020, Fall 2020, and Spring 2021 enrollments only, due to placement testing limitations resulting from COVID-19.

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, 2020 – 2021*

Accounting & Finance	MATH 095 > MATH 122 > > MATH 144/132	Geography BA or BS	MATH 090 > MATH 110
Anthropology	MATH 090 > > MATH 110 ( <i>recom.</i> ) or MATH 105	Geological Sciences BA	MATH 095 > MATH 122 > MATH 150
Art and Art History	MATH 090 > MATH 105 or MATH 110	Health Science	MATH 090 > MATH 110
Aviation Flight	MATH 095 > MATH 122 > MATH 140 > MATH 141	Health Studies	MATH 090 > MATH 105 or MATH 110
Aviation Management	MATH 095 > MATH 122 > MATH 140 > MATH 141, <i>and</i> MATH 110	History	MATH 090 > MATH 105 or MATH 110
Biology BA	MATH 095 > MATH 122 > MATH 140/150*	Management or Marketing	MATH 095 > MATH 122 > > MATH 144/132
Biology BS	MATH 095 > MATH 122 > MATH 140/150* > MATH 141/161 > MATH 142/162	Mathematics	MATH 095 > MATH 122 > MATH 150 > > MATH 161 > MATH 162
Chemistry - All Concentrations* <i>*Biochem and Environ. concs. permit MATH 141 w/adv consent</i>	MATH 095 > MATH 122 > MATH 150* > MATH 161 > MATH 162	Music	MATH 090 > MATH 105 or MATH 110
Communication Sci & Disorders (speech therapy)	MATH 090 > > MATH 110 ( <i>recom.</i> ) or MATH 105	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 122 > MATH 150 > > MATH 161 > MATH 162	Physics BA or BS	MATH 095 > MATH 122 > 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 122 > 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> )
Environmental Geosciences	MATH 095 > MATH 122 > MATH 140/150 > MATH 141/161 > MATH 142/162		