MiraCosta College Master List of Locally Approved Equivalencies (last upd. G. Sipman 5/17/18)

Discipline	Minimum Qualifications	Locally Approved Equivalencies
Chemistry	Master's in chemistry OR Bachelor's in chemistry or biochemistry AND Master's in biochemistry, chemical engineering, chemical physics, physics, molecular biology or geochemistry OR the equivalent.	Master's in Organic Chemistry; Master's in Chemistry & Biochemistry AND a Bachelor's in Chemistry; Master's in Biochemistry & Molecular Biology AND a Bachelor's in Chemistry
Child Development	Master's in child development, early childhood education, human development, home economics/ family and consumer studies with a specialization in child development/early childhood education or educational psychology with a specialization in child development/early childhood education OR Bachelor's in any of the above AND Master's in social work, educational supervision, elementary education, special education, psychology, bilingual/bicultural education, life management/home economics, family life studies or family and consumer studies OR the equivalent.	Master's in Human Development and Psychology; Master's in Education (Elementary Curriculum and Instruction), if paired with allowed bachelor's; Bachelor's in Family & Consumer Sciences: Child Development and Family Studies;
Counseling	Master's in counseling, rehabilitation counseling, clinical psychology, counseling psychology, guidance counseling, educational counseling, social work, career development, marriage and family therapy or marriage, family and child counseling, OR the equivalent. (NOTE: A bachelor's degree in one of the listed degrees and a license as a Marriage and Family Therapist (MFT) is an alternative qualification for this discipline.)	Master's in Education, Concentration: Counseling; Master's in Education: Educational and Clinical Counseling; Master's in Education: Educational Counseling; Education: School Counseling; Master's in Education: Counseling Option; Master's in Education: Counseling and Guidance concentration; Master's in Social Welfare; Master's in Guidance and Counseling; Master's Marriage & Family Counseling;

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Dance	Master's in dance, physical education with a dance emphasis, or theater with dance emphasis, OR Bachelor's in any of the above AND Master's in physical education, any life science, physiology, theater arts, kinesiology, humanities, performing arts or music OR the equivalent.	Master's in Theatre and Dance (Dance Theatre)
Earth Science	Master's in geology, geophysics, earth sciences, meteorology, oceanography or paleontology OR Bachelor's in geology AND Master's in geography, physics, or geochemistry OR the equivalent.	Master's in Geological Sciences; Master's in Geology & Geophysics
English	Master's in English, literature, comparative literature, or composition OR Bachelor's in any of the above AND Master's in linguistics, TESL, speech, education with a specialization in reading, creative writing or journalism OR the equivalent.	Master's in Literature and Writing Studies Master's in Rhetoric and Writing Studies
English as a Second Language (ESL)	Master's in TESL, TESOL, applied linguistics with a TESL emphasis, linguistics with a TESL emphasis, English with a TESL emphasis or education with a TESL emphasis OR Bachelor's in TESL, TESOL, English with a TESL certificate, linguistics with TESL certificate, applied linguistics with a TESL certificate, or any foreign language with a TESL certificate AND master's in linguistics, applied	a

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Foreign Languages	Master's in the language being taught OR Bachelor's in the language being taught AND Master's in another language or linguistics OR the equivalent.	Master's or Bachelor's in Language & Literature; Master's or Bachelor's in Literature
Library Science	Master's in library science, library and information science, OR the equivalent.	Master's in Library and Information Studies
Mathematics	Master's in mathematics or applied mathematics OR Bachelor's in either of the above AND Master's in statistics, physics or mathematics education OR the equivalent.	Master's in Applied and Computational Mathematics; Master's in Applied & Industrial Mathematics;
Noncredit English	A bachelor's degree in English, literature, comparative literature, composition, linguistics, speech, creative writing, or journalism; OR a bachelor's degree in any discipline and twelve semester units of coursework in teaching reading; OR a valid appropriate California Community College Credential in the discipline area; OR the equivalent.	Bachelor's in Literature and Writing Studies

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_	Physics/Astronomy	Master's in physics, astronomy or astrophysics	