

ARTICULATION AGREEMENT

INTRODUCTION

This articulation agreement has been developed by Mount Saint Mary's University, Los Angeles and Pasadena City College. Its purpose is to help the prospective Mount Saint Mary's student plan a course of study that will facilitate a more effective transfer into Mount Saint Mary's University, Los Angeles. Mount Saint Mary's University accepts a maximum of 70 transferable lower division units to be applied toward the units required for a baccalaureate degree. All community college coursework is considered lower division. No community college coursework will be counted as upper division units. This agreement contains three sections:

Section I - lists relevant information about MSMU General Studies Requirements. The General Studies requirements at MSMU include seven areas: Communication Skills; Critical Thinking; Arts & Sciences; Modern Language, Religious Studies and Philosophy, Diversity, and Quantitative Literacy. Listed under each area are equivalent courses offered at Pasadena City College.

Section II - lists lower division courses within all majors offered at the Mount with the exception of Liberal Studies. Liberal Studies majors should refer to Section III.

Section III- lists lower division courses within the Liberal Studies major, selected by the Education Department for articulation. Students interested in a Liberal Studies major should disregard Section II. Section III courses that meet GS requirements in Section I will double count for the Liberal Studies Major and for General Studies.

**MOUNT SAINT MARY'S UNIVERSITY, LOS ANGELES – PASADENA CITY COLLEGE
ARTICULATION AGREEMENT**

SECTION I

General Studies:

I. Communication Skills			
A. Written (6 units with grade C or better)		B. Oral (1-3 units)	
English 1A, 1AH, 1AS, 1S, 1B, 1BH, 1C, 1CH		Speech 1, 1H, 5, 6, 9, 10, 12	
II. Critical Thinking (minimum 3 units)			
Philosophy 25, 30, 33			
III. Arts and Sciences (minimum 21 units)			
<i>At least one course must be taken in each of the following categories (A-G)</i>			
A. Art/Music	B. Literature	C. History	D. Natural and Physical Sciences
Architecture 24A, 24B Art 1A, 1B, 2, 3A, 3B, 4A, 4B, 4C, 4D, 5, 7, 8, 9, 31A Dance 21A, 21B Fashion 21, 124 Humanities 1, 4 Music 7A, 7B, 21, 22, 23, 24A, 24B, 25, 26, 27, 28 Photo 10, 21, 25 Theatre 5, 5A, 7A, 15	English 25A, 25C, 25H, 25I, 26, 30A, 30B, 30C, 44A, 44B, 44C, 45A*, 45B*, 46A, 46B, 47, 50, 51, 52, 53, 54, 57, 60, 61, 78A, 78B, 82A, 82B, 82C	American Institutions 125 History 1A, 1B, 2A, 2B, 5A, 5B, 7A, 7B, 9A, 9B, 16, 18, 19, 25B, 27A, 27B, 29A, 29B, 30A, 31, 41 Political Science 2, 7, 22	Anatomy 25 Anthropology 1, 1H, 1L, 3, 3L Astronomy 1, 12 Biology 2, 3, 4, 10A, 11, 11H, 16, 28, 39 Chemistry 1A, 2A, 22 Environmental Studies 1, 3 Geography 1, 4 Geology 1, 3, 12, 16, 21, 22 Microbiology 2 Physical Science 3 Physics 1A, 2A, 10, 31A Physiology 1, 2A
E. Mathematics	F. Social and Behavioral Sciences		G. Contemporary Economics or Politics
Business 14A Math 3, 5A, 5B, 7A, 7B, 9, 15 Statistics 15, 18, 50	Anthropology 2, 2H Child Development 15 Economics 1B Political Science 2 Psychology 1, 1H, 2, 21, 21H, 24 Sociology 1, 24		American Institutions 125 Business 12A Economics 1A History 8 Political Science 1, 6

V. Religious Studies and Philosophy (Minimum 15 units; must include 3 units of Ethics and 3 units of a Philosophical Ideas course)	
A. Religious Studies (6-9 units)	B. Philosophy (6-9 units)
a. Scripture: English 45A*, 45B* b. Christian Thought: No Equivalent c. Christian Ethics: No Equivalent d. Religion & Religions: Religious Studies 1, 2, 3, Philosophy 37 *Course may be counted towards the Literature or Religious Studies requirements, but not toward both general studies areas	a. Philosophical Ideas: Philosophy 1, 1H, 8, 20A, 20B, 31, 37 b. Ethics: Philosophy 3, 7 c. Philosophy Other: Philosophy 25, 30, 33
IV: Modern Language	
A. A student who begins a language must complete course 1 and 2 of the same language B. Students whose native language is not English may demonstrate academic proficiency in English as a second language by passing the TOEFL examination with scores above 550. C. To meet the requirement students must demonstrate proficiency at the second semester level. If they have knowledge, and test into the second semester of the language, they need only take the second semester course, i.e., Span 2. D. Language courses must be college-level courses.	
VI: Diversity	
Anthropology 2, 2H, 12 Art 2, 3A, 3B, 5 Child Development 15 English 47, 48 French 4, 6 History 9A, 9B	Music 23, 26, 27 Philosophy 1, 1H, 3, 7, 37 Political Science 2 Religious Studies 2, 3 Sociology 1, 14, 24 Spanish 4, 5, 6A, 6B, 44A, 44B
VII: Quantitative Literacy	
A. QL1	B. QL2
Accounting 1A, 1B Biology 10A, 39 Philosophy 25, 30 Physical Science 3, 3L Psychology 5	Business 014A Chemistry 1A, 1B, 2A, 2B Math 3, 5A, 5B, 5C, 7A, 7B, 9, 15, 22 Philosophy 33 Physics 1A, 2A, 2B, 31A, 31B Statistics 15, 18, 50
Disclaimer	

Other courses not listed in the above sections may be approved for general studies credit. To ensure receiving the appropriate credit, please complete a transfer credit clearance form before registering for the course. The advisement center will then determine the eligibility of the course. Submission of a transfer credit clearance form does not guarantee approval of transfer credit.

SECTION II		
Disclaimer:		
1. Major course evaluations are based on our traditional baccalaureate program's major requirements. WEC major requirements may vary from list. All students should consult with advisors for requirement variations. 2. All possible lower division courses for each major are listed. Please note, some majors have multiple course options for fulfilling the same degree requirement. Consult the current college catalog to determine if your specific major has "either/or" options with the courses listed below.		
AMERICAN STUDIES		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
BUS 4	Business Foundations & Analysis	BUS 9
BUS 5/POL 5	Business Law I	BUS 12A
BUS 92/PHI 92	Business Ethics	
ENG 20	Great Works in American Literature	ENGL 30A, 30B, or 30C
ENG 26	Literature of the American West	
POL 1	American Government and Institutions	POLS 1
APPLIED ETHICS		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
PHI 5	Introduction to Logic	PHIL 30
PHI 10	Critical Thinking	PHIL 25
PHI 15	Introduction to Philosophy	PHIL 1 or 1H
PHI 16	Philosophy through Popular Culture	
PHI 21	Moral Values and Ethical Decisions	PHIL 3 or 7
PHI 24	Socrates, Plato, and Aristotle	PHIL 20A
PHI 92	Introduction to Business Ethics	
ART		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
ART 1	Drawing I	ART 11A

ART 2	Design I	ART 31A
ART 4	Painting I	ART 20A
ART 7	Experiences in the Visual Arts	
ART 12	Ceramics I	ART 38A
ART 15	Computer Graphics	ART 50A
ART 24	Wood	
BIOCHEMISTRY		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
BIO 1/L	Biological Dynamics	
BIO 2/L	Biological Dynamics	
CHE 1A/L	General Chemistry/Lab	CHEM 1A or 2A
CHE 1B/L	General Chemistry/Lab	CHEM 1B or 2B
CHE 6A/L	Organic Chemistry/Lab	CHEM 8A
CHE 6B/L	Organic Chemistry/Lab	CHEM 8B
CIS 2	Introduction to Programming	
MTH 5A	Calculus I	MATH 5A
MTH 5B	Calculus II	MATH 5B
MTH 38	Elements of Probability and Statistics	STAT 50
PHY 1A	Introductory Physics IA	PHYS 2A
PHY 1B/L	Introductory Physics IB/Lab	PHYS 2B
PHY 11A	Mechanics	PHYS 31A
PHY 11B	Electricity, Magnetism and Optics	PHYS 31B
BIOLOGICAL SCIENCES		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
BIO 1/L	Biological Dynamics/Lab	
BIO 2/L	Biological Dynamics/Lab	
CHE 1A/D/L	General Chemistry/Discussion/Lab	CHEM 1A or 2A
CHE 1B/L	General Chemistry/Lab	CHEM 1B or 2B
CHE 6A/L	Organic Chemistry/Lab	CHEM 8A
CHE 6B/L	Organic Chemistry/Lab	CHEM 8B
MTH 38	Elements of Probability and Statistics	STAT 50
PSY 40	Basic Statistical Methods	STAT 18
MTH 5A	Calculus I	MATH 5A
MTH 5B	Calculus II	MATH 5B
PHY 1A	Introductory Physics IA	PHYS 2A
PHY 1B/L	Introductory Physics IB/Lab	PHYS 2B
BIO 50A/L	Human Anatomy/Lab	ANAT 25
BIO 50B/L	Human Physiology/Lab	PYSO 1
BUSINESS ADMINISTRATION		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to

		PCC Catalog for Course Title)
BUS 4	Business Foundations and Analysis	BUS 9
BUS 5	Business Law I	BUS 12A
BUS 15A	Accounting Principles I	ACCT 1A
BUS 15B	Accounting Principles II	ACCT 1B
BUS 16A	Accounting Principles I	ACCT 1A
BUS 16B	Accounting Principles II	ACCT 1B
BUS 21	The Essentials of Business Writing and Presentation	BUS 11A
BUS 92/PHI 92	Business Ethics	
ECO 1	Microeconomics	ECON 1B
ECO 2	Macroeconomics	ECON 1A
MTH 28	Mathematical Analysis for Business	BUS 14A
MTH 38	Elements of Probability and Statistics	STAT 15
SPE 10	Introduction to Communication	SPCH 1
CHEMISTRY		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
CHE 1A/D/L	General Chemistry/Discussion/Lab	CHEM 1A or 2A
CHE 1B/L	General Chemistry/Lab	CHEM 1B or 2B
CHE 6A/L	Organic Chemistry/Lab	CHEM 8A
CHE 6B/L	Organic Chemistry/Lab	CHEM 8B
CIS 2	Introduction to Programming	
MTH 5A	Calculus I	MATH 5A
MTH 5B	Calculus II	MATH 5B
MTH 5C	Calculus III	MATH 5C
PHY 1A	Introductory Physics IA	PHYS 2A
PHY 1B/L	Introductory Physics IB/Lab	PHYS 2B
PHY 11A	Mechanics	PHYS 31A
PHY 11B	Electricity, Magnetism, and Optics	PHYS 31B
CHILD DEVELOPMENT		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
BIO 10	Health Science	CHDV 16
EDU 32	Early Childhood Education: Observation and Curriculum Planning	CHDV 14
EDU 33	The Visual & Performing Arts for the Young Child	ART 6 or MUSC 30
EDU 37	Infant/Toddler Development and Care	
PSY 1	Introduction to Psychology	PSYC 1
PSY 12	Child/Human Development	PSYC 21 or 22 or 24

SOC 6	The Family, Child and Community	CHDV 15
ENG 34	Literature for the Young Child	ENGL 59
CRIMINOLOGY		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
SOC 1	Introduction to Sociology	SOC 1
ENGLISH		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
ENG 1A	Freshman English	ENGL 1A or 1AH or 1AS or 1S
ENG 1B	Freshman English	ENGL 1B or 1BH or 1C or 1CH
ENG 5H	Freshman Honors English	
ENG 18	Great Works in World Literature	ENGL 44A or 44B or 44C
ENG 28	Contemporary Issues in World Literature	
ENG 70	Western Literary Heritage	
ENG 73	Shakespeare	ENGL 78A or 78B
HIS 1A	Western Civilization	HIST 1A
HIS 1B	Western Civilization	HIST 1B
FILM, MEDIA AND SOCIAL JUSTICE		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
BUS 15A	Accounting Principles I	ACCT 1A
SOC 1	Introduction to Sociology	SOC 1
MUS 3	Discovering Music Fundamentals	
MUS 13	Applied Music: Instrumental/Vocal for Non-Music Majors	MUSC 8
FRENCH AND FRANCOPHONE STUDIES		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
FRE 1	Elementary French I	FRNC 1
FRE 2	Elementary French II	FRNC 2
FRE 3	Intermediate French III	FRNC 3
FRE 4	Intermediate French IV	FRNC 4
GERONTOLOGY		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to

		PCC Catalog for Course Title)
BIO 50A	Human Anatomy	ANAT 25 or PYSO 2A
SOC 13	Anatomy for Social Services	
GLOBAL POLITICS		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
ECO 2	Macroeconomics	ECON 1A
HIST 25	Cultural and Historical Geography	
POL 2	Introduction to World Politics	POLS 2
RST 23	Spiritual Journeys of Women	
HEALTHCARE POLICY		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
BIO 10	Health Science	
POL 1	American Government and Institutions	POLS 1
POL 2	Introduction to World Politics	POLS 2
PSY 1	Introduction to Psychology	PSYC 1
HISTORY		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
HIS 1A	Western Civilization	HIST 1A
HIS 1B	Western Civilization	HIST 1B
HIS 3	World History	HIST 2A or HIST 2B
MATHEMATICS		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
CIS 2	Introduction to Programming	
MTH 5A	Calculus I	MATH 5A
MTH 5B	Calculus II	MATH 5B
MTH 5C	Calculus III	MATH 5C
MTH 8	Transition to Higher Math	
PHY 1BL	Introductory Physics Laboratory	PHYS 2B
PHY 11A	Mechanics	PHYS 31A
PHY 11B	Electricity, Magnetism, and Optics	PHYS 31B
MUSIC		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
MUS 1A	Musicianship I	MUSC 1A and 2A

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MUS 1B	Musicianship I	MUSC 1B and 2B
MUS 1C	Musicianship I	MUSC 1C and 2C
MUS 1D	Musicianship I	MUSC 1D and 2D
MUS 2AB	Musicianship II	
MUS 6	Varieties of Music	
MUS 11	Functional Keyboard Skills	
MUS 15	Applied Music	MUSC 8
MUS 16	Music of World Cultures	MUSC 23
MUS 17	Women in Music	
MUS 24A	Surveys of the History and Literature of Music	
MUS 24B	Surveys of the History and Literature of Music	
MUS 24C	Surveys of the History and Literature of Music	
MUS 25	Music Masterpieces	
MUS 26	Brass & Percussion Instruments: Introductory Techniques	MUSC 86A
MUS 27	Woodwind Instruments: Introductory Techniques	MUSC 85A
MUS 29	String Instruments: Introductory Techniques	MUSC 88A
MUS 42	American Musical Theatre	

NURSING
FRESHMAN YEAR (Prerequisite courses)

MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
BIO 3/L	General Microbiology/Lab	MICR 2
BIO 50A/L	Human Anatomy/Lab	ANAT 25
BIO 50B/L	Human Physiology/Lab	PYSO 1
ENG 1A	Freshman English	ENGL 1A, 1AH, 1AS, or 1S
ENG 1B	Freshman English	ENGL 1B, 1BH, 1C, or 1CH
CHE 3	Foundations of Chemistry	CHEM 22
PHS 1	Scientific Concepts	
PSY 1	Introduction to Psychology	PSYC 1
PSY 12	Child/Human Development	PSYC 24
SOC 1	Introduction to Sociology	SOC 1
SPE 10	Introduction to Communication	SPCH 1 or 1H

PHILOSOPHY

MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
PHI 5	Introduction to Logic	PHIL 30
PHI 10	Critical Thinking	PHIL 25
PHI 15	Introduction to Philosophy	PHIL 1 or 1H
PHI 16	Philosophy Through Popular Culture	
PHI 21	Moral Values and Ethical	PHIL 3 or 7

	Decisions	
PHI 92	Introduction to Business Ethics	
POLITICAL SCIENCE		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
ECO 2	Macroeconomics	ECON 1A
POL 1	American Government and Institutions	POLS 1
POL 2	Introduction to World Politics	POLS 2
PSYCHOLOGY		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
PSY 1	Introduction to Psychology	PSYC 1
PSY 12	Child/Human Development	PSYC 24
PSY 40	Basic Statistical Methods	STAT 18
PSY 52/L	Biological Psychology/Lab	PSYC 2
RELIGIOUS STUDIES		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
RST 11	Introduction to Hebrew Scriptures	
RST 15	Introduction to New Testament	
RST 21	Contemporary Catholicism	
RST 23	Spiritual Journeys of Women	
RST 25	Theology of Marriage and Family	
RST 41	Introduction to Christian Ethics	
RST 45	Contemporary Issues in Christian Ethics	
RST 49	Biomedical Issues in Christian Ethics	
RST 61	World Religions	RELG 2 or 3
RST 70	Faith and Human Development	
RST 78	Death and Afterlife	
SOCIAL WORK		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
MTH 38	Elements of Probability and Statistics	STAT 50
PSY 40	Basic Statistical Methods	STAT 18
SOC 1	Introduction to Sociology	SOC 1
SOC 6	The Family, Child and Community	SOC 24

SOC 7	Introduction to Human Services	
SOC 10	Deviance and Youth	SOC 15
SOC 13	Anatomy for Social Services	ANAT 25 or PYSO 2A
SOC 38	Statistics for Social Science	STAT 18
SOCIOLOGY		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
SOC 1	Introduction to Sociology	SOC 1
SOC 6	The Family, Child, and Community	SOC 24
SOC 7	Introduction to Human Services	
SOC 10	Deviance and Youth	SOC 15
SOC 13	Anatomy for Social Services	ANAT 25 or PYSO 2A
SOC 49	Multicultural Issues in Healthcare	
SPANISH/LATIN AMERICAN STUDIES		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
SPA 1	Elementary Spanish I	SPAN 1
SPA 2	Elementary Spanish II	SPAN 2
SPA 3	Intermediate Spanish III	SPAN 3
SPA 4	Intermediate Spanish IV	SPAN 4
SPA 44	Spanish-speaking Civilizations and Cultures in the Americas and Spain	
MUSIC SCORING FOR MEDIA MINOR		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
MUS 3	Discovering Music Fundamentals	
MUS 13	Applied Music: Instrumental/Vocal for Non-Music Majors	MUSC 8
MULTIMEDIA COMMUNICATION MINOR		
MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
ART 15	Computer Graphics	ART 50A
SOC 30	Human Communication	

SECTION III

LIBERAL STUDIES

Students planning to major in Liberal Studies at Mount Saint Mary's University may take the following courses at Pasadena City College to meet selected subject matter content requirements.

No community college coursework counts as upper division units at MSMU. Students who transfer a lower division course toward an upper division requirement must still complete a total of 45 upper division units at MSMU.

***One additional Course in Philosophy or Religious Studies to equal 15 units in Philosophy & Religious Studies that meets MSMU Articulation Agreement**

MSMU Course #	MSMU Course Title	PCC Course # (Please refer to PCC Catalog for Course Title)
ENG 1A	Freshman English	ENGL 1A, 1AH, 1AS, or 1S
ENG 1B	Freshman English	ENGL 1B, 1BH, 1C, 1CH
SPE 10	Introduction to Communication	SPCH 1
SPA 1	Elementary Spanish I	SPAN 1
SPA 2	Elementary Spanish II	SPAN 2
MTH 50	Elementary Number Systems	
MTH 51	Elements of Geometry and Statistics	MATH 15
BIO 5	Life Science	BIOL 11 or BIOL 11H
BIO 10	Health Science	HED 44
*PHS 2A with lab *Study of Physics *Study of Chemistry	General Physical Science *Study of physics, chemistry, geology and astronomy is required.	PHSC 3 and PHSC 3L or GEOL 3
*PHS 2B *Study of Astronomy *Study of Geology		ASTRO 1 and GEOL 1
CIS 1	Introduction to Computers	CIS 1
POL 1	American Government and Institutions	POLS 1
HIS 25	Cultural and Historical Geography	GEOG 2
HIS 188	California History	HIST 8
HIS 106	U.S. History Colonization to Present	HIST 7A or HIST 7B or HIST 25B
HIS 3	World History	HIST 2A or HIST 2B
PSY 12	Child/ Human Development	PSYC 21 or PSYC 24
PHIL 15	Philosophical Ideas	PHIL 1 or PHIL 1H
PHIL 10	Critical Thinking	PHIL 25
Art Appreciation	Art Appreciation/History	ART 5 (recommended) or refer to General Studies III A
Music Appreciation	Music Appreciation/History	MUSC 21 or MUSC 23

ETHICS	Ethics	PHIL 3 or 7
RST 61	World Religions	PHIL 37 or RELG 1 or RELG 2 or RELG 3

Mount Saint Mary's University, Los Angeles (MSMU) offers a concurrent program of Teacher Preparation. Students take courses toward their baccalaureate degree (in Liberal Studies) and courses in education concurrently. The Mount Saint Mary's University Elementary Teacher Preparation Program is a California Commission on Teacher Credentialing-approved program for the preparation of students for the Preliminary Multiple Subject Teaching Credential as defined by SB 2042.

Transfer students interested in elementary teaching are encouraged to obtain a passing score on the CBEST (California Basic Education Skills Test) and to take CSET (California Subject Examination for Teachers: Multiple Subjects). Passing scores on the three sections of the CSET are valid for five years and must be attained before supervised teaching.

Contact the Liberal Studies Director for additional information, 213-477-2628.

California Credential requirements are subject to change pending direction from the California Commission on Teacher Credentialing (CCTC). These changes take precedence over the MSMU catalog, as well as any other MSMU information.