

Course Structure for M.A. Program

Graduate Institute of Ethnomusicology

National Taiwan Normal University

Adaptive to Class of	Required Credit(s)	Elective Credit(s)	Free Elective Credit(s)	Minimum Total Credits for Graduation
114	Research and Heritage 15.0 Multimedia Applications 15.0	Research and Heritage 20.0 Multimedia Applications 20.0	Research and Heritage 0.0 Multimedia Applications 0.0	Research and Heritage 35.0 Multimedia Applications 35.0

Note: The first alphabet "E" on the course name refers to the course in English as a medium of instruction

I. Required Courses: 11.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
EMM0002	1 Introduction of ethnomusicology	2.0	2.0	0.0	
EMM0030	2 Theory and Practice in Musical Communication	2.0	2.0	0.0	
EMM0074	3 Introduction to philosophy of music	2.0	2.0	0.0	
EMM0116	4 Music Archives and Research Methods	2.0	2.0	0.0	
EMM0034	5 Musical Fieldwork	3.0	3.0	0.0	

II. Elective Courses: 4.0 credits are required

Courses Conducted in English

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
EMM0105	1 E Music and Modernity of East Asia	2.0	2.0	0.0	
EMM0109	2 E Music, Society and Culture	2.0	2.0	0.0	
EMM0122	3 E Art Song across Cultures	2.0	2.0	0.0	
EMM0123	4 E Listening to Sinophone Musical Cultures	2.0	2.0	0.0	

III. Courses Offered to Students in Different Divisions

A-1. Required Course for Research and Heritage, 4.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
EMM0003	1 Study of the comparison between Chinese and western music	2.0	2.0	0.0	
EMM0062	2 Mode of Traditional Music	2.0	2.0	0.0	

A-2. Elective Course for Research and Heritage, 16.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
1 Research and Heritage 8.0 credits are required					
EMM0012	1-1 Special Topics in Chinese Ancient Music	2.0	2.0	0.0	
EMM0014	1-2 Study of Taiwan Modern Music	2.0	2.0	0.0	
EMM0016	1-3 The Study on Taiwan Indeginous People's Music	2.0	2.0	0.0	
EMM0028	1-4 Seminar in Taiwan Contempory Music	2.0	2.0	0.0	
EMM0029	1-5 Seminar in Asia-Pacific Contempory Music	2.0	2.0	0.0	
EMM0035	1-6 Musical Documents Arrangement	2.0	2.0	0.0	
EMM0037	1-7 Source Readings in Music History	2.0	2.0	0.0	
EMM0041	1-8 Comparative Study of Cultural Zone on Astronesian Music	2.0	2.0	0.0	
EMM0044	1-9 Seminar of Tonal System	2.0	2.0	0.0	
EMM0045	1-10 Traditional Music and Society	2.0	2.0	0.0	
EMM0052	1-11 Study on Taoist Ritual and Music	2.0	2.0	0.0	
EMM0053	1-12 Taiwanese Opera and Traditional Culture	2.0	2.0	0.0	
EMM0054	1-13 Ritual and Theatre	2.0	2.0	0.0	
EMM0061	1-14 Music Notation	2.0	2.0	0.0	
EMM0066	1-15 Studies in Aesthetics of Music	2.0	2.0	0.0	
EMM0068	1-16 Special Topics on Bow Instrument	2.0	2.0	0.0	
EMM0073	1-17 Studies in Instrumental music of Nankuan and Peikuan	2.0	2.0	0.0	
EMM0076	1-18 Music Analysis	2.0	2.0	0.0	
EMM0083	1-19 Studies in Contemporary Si-zhu Ensemble	2.0	2.0	0.0	
EMM0093	1-20 Special Topics on Performance Practicum	2.0	2.0	0.0	
EMM0094	1-21 Seminar on Ethnic Instruments	2.0	2.0	0.0	
EMM0095	1-22 Seminar on Contemporary Ethnic Music	2.0	2.0	0.0	
EMM0096	1-23 Chinese Instrumental Music in Theory and Practice	2.0	2.0	0.0	
EMM0097	1-24 New Directions in Ethnomusicology	2.0	2.0	0.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
EMM0104	1-25 Guqin Music and Culture	2.0	2.0	0.0	
EMM0105	1-26 E Music and Modernity of East Asia	2.0	2.0	0.0	
EMM0106	1-27 Study on Daqu of Tang Dynasty	2.0	2.0	0.0	
EMM0107	1-28 Study of Music and Dance in Dunhuang Murals	2.0	2.0	0.0	
EMM0109	1-29 E Music, Society and Culture	2.0	2.0	0.0	
EMM0110	1-30 The Archeology of Nanguan Music	2.0	2.0	0.0	
EMM0114	1-31 Tunhuangology and Music in Tang Dynasty	2.0	2.0	0.0	
EMM0115	1-32 Music of Confucius	2.0	2.0	0.0	
EMM0120	1-33 Studies on Hakka Music	2.0	2.0	0.0	
EMM0121	1-34 Theatrical Arts	2.0	2.0	0.0	
EMM0122	1-35 E Art Song across Cultures	2.0	2.0	0.0	
EMM0123	1-36 E Listening to Sinophone Musical Cultures	2.0	2.0	0.0	
2 Multimedia Applications 2.0 credits are required					
EMM0091	2-1 Seminar in Music Industry	2.0	2.0	0.0	
EMM0099	2-2 Special Topics on Advanced Sound Recording	2.0	2.0	0.0	
EMM0101	2-3 Special Topics on Advanced Cross-Disciplinary Music Production	2.0	2.0	0.0	
EMM0103	2-4 Special Topics on Multimedia Production	2.0	2.0	0.0	
EMM0108	2-5 Projects on Music Documentary	2.0	2.0	0.0	
EMM0112	2-6 Narratives and Sounds in Music Documentary	2.0	2.0	0.0	
EMM0113	2-7 Internship in Music Institutions (II)	2.0	0.0	4.0	
EMM0124	2-8 Cinematography in Audiovisual Documentary	2.0	2.0	0.0	
EMM0125	2-9 Research and Projects in Audiovisual Documentary	2.0	2.0	0.0	
3 Performances and Practical 6.0 credits are required					
3-1 Research and Heritage 4.0 credits are required, maximum credits are 6.0, Multimedia Application related courses 2 credits					
EMM0057	3-1-1 Studies in Nankuan Music	2.0	2.0	0.0	
EMM0059	3-1-2 Studies in Pei-kuan	2.0	2.0	0.0	
EMM0078	3-1-3 Practice on Nankuan Vocal Music	2.0	2.0	0.0	
EMM0117	3-1-4 Practice on Pei-Kuan Vocal Music	2.0	2.0	0.0	
EMM0118	3-1-5 World Music (I)	2.0	2.0	0.0	
EMM0119	3-1-6 World Music (II)	2.0	2.0	0.0	
3-2 Multimedia Application 4.0 credits are required, maximum credits are 6.0, Research and Inheritance related courses 2 credits					
EMM0071	3-2-1 Special Topics on Music Digital Archives	2.0	2.0	0.0	
EMM0072	3-2-2 Foundations of Computer-Generated Sound and Multimedia Application	2.0	2.0	0.0	
EMM0102	3-2-3 Special Topics on Digital Recording Research	2.0	2.0	0.0	
EMM0111	3-2-4 Internship in Music Institutions	2.0	0.0	4.0	
4 Other 4.0 credits are required					
EMM0012	4-1 Special Topics in Chinese Ancient Music	2.0	2.0	0.0	
EMM0014	4-2 Study of Taiwan Modern Music	2.0	2.0	0.0	
EMM0016	4-3 The Study on Taiwan Indeginous People's Music	2.0	2.0	0.0	
EMM0028	4-4 Seminar in Taiwan Contempory Music	2.0	2.0	0.0	
EMM0029	4-5 Seminar in Asia-Pacific Contempory Music	2.0	2.0	0.0	
EMM0031	4-6 Theory and Practice in Musical Multi-media	2.0	2.0	0.0	
EMM0035	4-7 Musical Documents Arrangement	2.0	2.0	0.0	
EMM0037	4-8 Source Readings in Music History	2.0	2.0	0.0	
EMM0038	4-9 History of Sound Recording	2.0	2.0	0.0	
EMM0041	4-10 Comparative Study of Cultural Zone on Astronesian Music	2.0	2.0	0.0	
EMM0044	4-11 Seminar of Tonal System	2.0	2.0	0.0	
EMM0045	4-12 Traditional Music and Society	2.0	2.0	0.0	
EMM0052	4-13 Study on Taoist Ritual and Music	2.0	2.0	0.0	
EMM0053	4-14 Taiwanese Opera and Traditional Culture	2.0	2.0	0.0	
EMM0054	4-15 Ritual and Theatre	2.0	2.0	0.0	
EMM0057	4-16 Studies in Nankuan Music	2.0	2.0	0.0	
EMM0059	4-17 Studies in Pei-kuan	2.0	2.0	0.0	
EMM0061	4-18 Music Notation	2.0	2.0	0.0	
EMM0066	4-19 Studies in Aesthetics of Music	2.0	2.0	0.0	
EMM0068	4-20 Special Topics on Bow Instrument	2.0	2.0	0.0	
EMM0071	4-21 Special Topics on Music Digital Archives	2.0	2.0	0.0	
EMM0072	4-22 Foundations of Computer-Generated Sound and Multimedia Application	2.0	2.0	0.0	
EMM0073	4-23 Studies in Instrumental music of Nankuan and Peikuan	2.0	2.0	0.0	
EMM0076	4-24 Music Analysis	2.0	2.0	0.0	
EMM0078	4-25 Practice on Nankuan Vocal Music	2.0	2.0	0.0	
EMM0083	4-26 Studies in Contemporary Si-zhu Ensemble	2.0	2.0	0.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
EMM0091	4-27 Seminar in Music Industry	2.0	2.0	0.0	
EMM0093	4-28 Special Topics on Performance Practicum	2.0	2.0	0.0	
EMM0094	4-29 Seminar on Ethnic Instruments	2.0	2.0	0.0	
EMM0095	4-30 Seminar on Contemporary Ethnic Music	2.0	2.0	0.0	
EMM0096	4-31 Chinese Instrumental Music in Theory and Practice	2.0	2.0	0.0	
EMM0097	4-32 New Directions in Ethnomusicology	2.0	2.0	0.0	
EMM0099	4-33 Special Topics on Advanced Sound Recording	2.0	2.0	0.0	
EMM0101	4-34 Special Topics on Advanced Cross-Disciplinary Music Production	2.0	2.0	0.0	
EMM0102	4-35 Special Topics on Digital Recording Research	2.0	2.0	0.0	
EMM0103	4-36 Special Topics on Multimedia Production	2.0	2.0	0.0	
EMM0104	4-37 Guqin Music and Culture	2.0	2.0	0.0	
EMM0105	4-38 E Music and Modernity of East Asia	2.0	2.0	0.0	
EMM0106	4-39 Study on Daqu of Tang Dynasty	2.0	2.0	0.0	
EMM0107	4-40 Study of Music and Dance in Dunhuang Murals	2.0	2.0	0.0	
EMM0108	4-41 Projects on Music Documentary	2.0	2.0	0.0	
EMM0109	4-42 E Music, Society and Culture	2.0	2.0	0.0	
EMM0110	4-43 The Archeology of Nanguan Music	2.0	2.0	0.0	
EMM0111	4-44 Internship in Music Institutions	2.0	0.0	4.0	
EMM0112	4-45 Narratives and Sounds in Music Documentary	2.0	2.0	0.0	
EMM0113	4-46 Internship in Music Institutions (II)	2.0	0.0	4.0	
EMM0114	4-47 Tunhuangology and Music in Tang Dynasty	2.0	2.0	0.0	
EMM0115	4-48 Music of Confucius	2.0	2.0	0.0	
EMM0117	4-49 Practice on Pei-Kuan Vocal Music	2.0	2.0	0.0	
EMM0118	4-50 World Music (I)	2.0	2.0	0.0	
EMM0119	4-51 World Music (II)	2.0	2.0	0.0	
EMM0120	4-52 Studies on Hakka Music	2.0	2.0	0.0	
EMM0121	4-53 Theatrical Arts	2.0	2.0	0.0	
EMM0124	4-54 Cinematography in Audiovisual Documentary	2.0	2.0	0.0	
EMM0125	4-55 Research and Projects in Audiovisual Documentary	2.0	2.0	0.0	
EMM0126	4-56 Major: Pipa	1.0	1.0	0.0	This course can be retaken
EMM0127	4-57 Major: Erhu	1.0	1.0	0.0	This course can be retaken
EMM0128	4-58 Major: Composition	1.0	1.0	0.0	This course can be retaken

B-1. Required Course for Multimedia Applications, 4.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
EMM0031	1 Theory and Practice in Musical Multi-media	2.0	2.0	0.0	
EMM0038	2 History of Sound Recording	2.0	2.0	0.0	

B-2. Elective Course for Multimedia Applications, 16.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
1 Research and inheritance 4.0 credits are required					
EMM0012	1-1 Special Topics in Chinese Ancient Music	2.0	2.0	0.0	
EMM0014	1-2 Study of Taiwan Modern Music	2.0	2.0	0.0	
EMM0016	1-3 The Study on Taiwan Indeginous People's Music	2.0	2.0	0.0	
EMM0028	1-4 Seminar in Taiwan Contemporary Music	2.0	2.0	0.0	
EMM0029	1-5 Seminar in Asia-Pacific Contemporary Music	2.0	2.0	0.0	
EMM0035	1-6 Musical Documents Arrangement	2.0	2.0	0.0	
EMM0037	1-7 Source Readings in Music History	2.0	2.0	0.0	
EMM0041	1-8 Comparative Study of Cultural Zone on Astronesian Music	2.0	2.0	0.0	
EMM0044	1-9 Seminar of Tonal System	2.0	2.0	0.0	
EMM0045	1-10 Traditional Music and Society	2.0	2.0	0.0	
EMM0052	1-11 Study on Taoist Ritual and Music	2.0	2.0	0.0	
EMM0053	1-12 Taiwanese Opera and Traditional Culture	2.0	2.0	0.0	
EMM0054	1-13 Ritual and Theatre	2.0	2.0	0.0	
EMM0061	1-14 Music Notation	2.0	2.0	0.0	
EMM0066	1-15 Studies in Aesthetics of Music	2.0	2.0	0.0	
EMM0068	1-16 Special Topics on Bow Instrument	2.0	2.0	0.0	
EMM0073	1-17 Studies in Instrumental music of Nankuan and Peikuan	2.0	2.0	0.0	
EMM0076	1-18 Music Analysis	2.0	2.0	0.0	
EMM0083	1-19 Studies in Contemporary Si-zhu Ensemble	2.0	2.0	0.0	
EMM0093	1-20 Special Topics on Performance Practicum	2.0	2.0	0.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
EMM0094	1-21 Seminar on Ethnic Instruments	2.0	2.0	0.0	
EMM0095	1-22 Seminar on Contemporary Ethnic Music	2.0	2.0	0.0	
EMM0096	1-23 Chinese Instrumental Music in Theory and Practice	2.0	2.0	0.0	
EMM0097	1-24 New Directions in Ethnomusicology	2.0	2.0	0.0	
EMM0104	1-25 Guqin Music and Culture	2.0	2.0	0.0	
EMM0105	1-26 E Music and Modernity of East Asia	2.0	2.0	0.0	
EMM0106	1-27 Study on Daqu of Tang Dynasty	2.0	2.0	0.0	
EMM0107	1-28 Study of Music and Dance in Dunhuang Murals	2.0	2.0	0.0	
EMM0109	1-29 E Music, Society and Culture	2.0	2.0	0.0	
EMM0110	1-30 The Archeology of Nanguan Music	2.0	2.0	0.0	
EMM0114	1-31 Tunhuangology and Music in Tang Dynasty	2.0	2.0	0.0	
EMM0115	1-32 Music of Confucius	2.0	2.0	0.0	
EMM0120	1-33 Studies on Hakka Music	2.0	2.0	0.0	
EMM0121	1-34 Theatrical Arts	2.0	2.0	0.0	
EMM0122	1-35 E Art Song across Cultures	2.0	2.0	0.0	
EMM0123	1-36 E Listening to Sinophone Musical Cultures	2.0	2.0	0.0	
2 Multimedia application 6.0 credits are required					
EMM0091	2-1 Seminar in Music Industry	2.0	2.0	0.0	
EMM0099	2-2 Special Topics on Advanced Sound Recording	2.0	2.0	0.0	
EMM0101	2-3 Special Topics on Advanced Cross-Disciplinary Music Production	2.0	2.0	0.0	
EMM0103	2-4 Special Topics on Multimedia Production	2.0	2.0	0.0	
EMM0108	2-5 Projects on Music Documentary	2.0	2.0	0.0	
EMM0112	2-6 Narratives and Sounds in Music Documentary	2.0	2.0	0.0	
EMM0113	2-7 Internship in Music Institutions (II)	2.0	0.0	4.0	
EMM0124	2-8 Cinematography in Audiovisual Documentary	2.0	2.0	0.0	
EMM0125	2-9 Research and Projects in Audiovisual Documentary	2.0	2.0	0.0	
3 Performances and Practical 6.0 credits are required					
3-1 Research and inheritance 4.0 credits are required, maximum credits are 6.0, Multimedia Application related courses 2 credits					
EMM0057	3-1-1 Studies in Nankuan Music	2.0	2.0	0.0	
EMM0059	3-1-2 Studies in Pei-kuan	2.0	2.0	0.0	
EMM0078	3-1-3 Practice on Nankuan Vocal Music	2.0	2.0	0.0	
EMM0117	3-1-4 Practice on Pei-Kuan Vocal Music	2.0	2.0	0.0	
EMM0118	3-1-5 World Music (I)	2.0	2.0	0.0	
EMM0119	3-1-6 World Music (II)	2.0	2.0	0.0	
3-2 Multimedia Application 4.0 credits are required, maximum credits are 6.0, Research and Inheritance related courses 2 credits					
EMM0071	3-2-1 Special Topics on Music Digital Archives	2.0	2.0	0.0	
EMM0072	3-2-2 Foundations of Computer-Generated Sound and Multimedia Application	2.0	2.0	0.0	
EMM0102	3-2-3 Special Topics on Digital Recording Research	2.0	2.0	0.0	
EMM0111	3-2-4 Internship in Music Institutions	2.0	0.0	4.0	
4 Other 4.0 credits are required					
EMM0003	4-1 Study of the comparison between Chinese and western music	2.0	2.0	0.0	
EMM0012	4-2 Special Topics in Chinese Ancient Music	2.0	2.0	0.0	
EMM0014	4-3 Study of Taiwan Modern Music	2.0	2.0	0.0	
EMM0016	4-4 The Study on Taiwan Indeginous People's Music	2.0	2.0	0.0	
EMM0028	4-5 Seminar in Taiwan Contempory Music	2.0	2.0	0.0	
EMM0029	4-6 Seminar in Asia-Pacific Contempory Music	2.0	2.0	0.0	
EMM0035	4-7 Musical Documents Arrangement	2.0	2.0	0.0	
EMM0037	4-8 Source Readings in Music History	2.0	2.0	0.0	
EMM0041	4-9 Comparative Study of Cultural Zone on Astronesian Music	2.0	2.0	0.0	
EMM0044	4-10 Seminar of Tonal System	2.0	2.0	0.0	
EMM0045	4-11 Traditional Music and Society	2.0	2.0	0.0	
EMM0052	4-12 Study on Taoist Ritual and Music	2.0	2.0	0.0	
EMM0053	4-13 Taiwanese Opera and Traditional Culture	2.0	2.0	0.0	
EMM0054	4-14 Ritual and Theatre	2.0	2.0	0.0	
EMM0057	4-15 Studies in Nankuan Music	2.0	2.0	0.0	
EMM0059	4-16 Studies in Pei-kuan	2.0	2.0	0.0	
EMM0061	4-17 Music Notation	2.0	2.0	0.0	
EMM0062	4-18 Mode of Traditional Music	2.0	2.0	0.0	
EMM0066	4-19 Studies in Aesthetics of Music	2.0	2.0	0.0	
EMM0068	4-20 Special Topics on Bow Instrument	2.0	2.0	0.0	
EMM0071	4-21 Special Topics on Music Digital Archives	2.0	2.0	0.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
EMM0072	4-22 Foundations of Computer-Generated Sound and Multimedia Application	2.0	2.0	0.0	
EMM0073	4-23 Studies in Instrumental music of Nankuan and Peikuan	2.0	2.0	0.0	
EMM0076	4-24 Music Analysis	2.0	2.0	0.0	
EMM0078	4-25 Practice on Nankuan Vocal Music	2.0	2.0	0.0	
EMM0083	4-26 Studies in Contemporary Si-zhu Ensemble	2.0	2.0	0.0	
EMM0091	4-27 Seminar in Music Industry	2.0	2.0	0.0	
EMM0093	4-28 Special Topics on Performance Practicum	2.0	2.0	0.0	
EMM0094	4-29 Seminar on Ethnic Instruments	2.0	2.0	0.0	
EMM0095	4-30 Seminar on Contemporary Ethnic Music	2.0	2.0	0.0	
EMM0096	4-31 Chinese Instrumental Music in Theory and Practice	2.0	2.0	0.0	
EMM0097	4-32 New Directions in Ethnomusicology	2.0	2.0	0.0	
EMM0099	4-33 Special Topics on Advanced Sound Recording	2.0	2.0	0.0	
EMM0101	4-34 Special Topics on Advanced Cross-Disciplinary Music Production	2.0	2.0	0.0	
EMM0102	4-35 Special Topics on Digital Recording Research	2.0	2.0	0.0	
EMM0103	4-36 Special Topics on Multimedia Production	2.0	2.0	0.0	
EMM0104	4-37 Guqin Music and Culture	2.0	2.0	0.0	
EMM0105	4-38 E Music and Modernity of East Asia	2.0	2.0	0.0	
EMM0106	4-39 Study on Daqu of Tang Dynasty	2.0	2.0	0.0	
EMM0107	4-40 Study of Music and Dance in Dunhuang Murals	2.0	2.0	0.0	
EMM0108	4-41 Projects on Music Documentary	2.0	2.0	0.0	
EMM0109	4-42 E Music, Society and Culture	2.0	2.0	0.0	
EMM0110	4-43 The Archeology of Nanguan Music	2.0	2.0	0.0	
EMM0111	4-44 Internship in Music Institutions	2.0	0.0	4.0	
EMM0112	4-45 Narratives and Sounds in Music Documentary	2.0	2.0	0.0	
EMM0113	4-46 Internship in Music Institutions (II)	2.0	0.0	4.0	
EMM0114	4-47 Tunhuangology and Music in Tang Dynasty	2.0	2.0	0.0	
EMM0115	4-48 Music of Confucius	2.0	2.0	0.0	
EMM0117	4-49 Practice on Pei-Kuan Vocal Music	2.0	2.0	0.0	
EMM0118	4-50 World Music (I)	2.0	2.0	0.0	
EMM0119	4-51 World Music (II)	2.0	2.0	0.0	
EMM0120	4-52 Studies on Hakka Music	2.0	2.0	0.0	
EMM0121	4-53 Theatrical Arts	2.0	2.0	0.0	
EMM0125	4-54 Research and Projects in Audiovisual Documentary	2.0	2.0	0.0	
EMM0124	4-55 Cinematography in Audiovisual Documentary	2.0	2.0	0.0	
EMM0126	4-56 Major: Pipa	1.0	1.0	0.0	This course can be retaken
EMM0127	4-57 Major: Erhu	1.0	1.0	0.0	This course can be retaken
EMM0128	4-58 Major: Composition	1.0	1.0	0.0	This course can be retaken

IV. Free Elective Credits

A Free Elective Credit for Research and Heritage, 0.0 credit is required

B Free Elective Credit for Multimedia Applications, 0.0 credit is required