

Students using  
Catalog Year  
2015 - 2016

# GENERAL EDUCATION REQUIREMENTS

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2015 – 2016

24 credits + 3 units co-curricular activities



# General Education <http://www.mtu.edu/registrar/pdfs/CoreandHASS15-16.pdf>

## 12 credits of core courses

**First Year:** **UN1015** Composition (3 cr.)

and **UN1025** Global Issues (3 cr.) or an upper-level language course

**Second Year:** Select one course from the **Goal 4 list** and one course from the **Goal 8 List**:

**Goal 4 course** (3 cr.) **Critical & Creative Thinking**

FA2330 Art Appreciation  
FA2520 Music Appreciation  
FA2720 Audio Arts Appreciation  
FA2820 Theater Appreciation  
HU2130 Introduction to Rhetoric  
HU2503 Literary Survey A  
HU2504 Literary Survey B  
HU2538 British Experience in Literature  
HU2700 Introduction to Philosophy  
HU2820 Communication and Culture  
HU2910 Language and Mind  
SS2300 Environment and Society

**Goal 8 course** (3 cr.) **Social Responsibility & Ethical Reasoning**

EC2001 Principles of Economics  
PSY2000 Introduction to Psychology  
SS2100 Introduction to Cultural Anthropology  
SS2200 Introduction to Archaeology  
SS2400 Introduction to Human Geography  
SS2500 U.S. History to 1877  
SS2501 U.S. History since 1877  
SS2502 European History to 1650  
SS2503 European History since 1650  
SS2504 World History to 1500  
SS2505 World History since 1500  
SS2600 American Government and Politics  
SS2610 Introduction to Law and Society  
SS2700 Introduction to Sociology



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## Modern Language option for Global Issues:

A 3000 level or higher language course (3000+) may be used in place of UN1025 Global Issues.

Additional language credits may apply toward HASS-HU/FA or HASS 4<sup>th</sup> choice.

Take Language Placement Exam (if you took 1 yr+ in H.S.) – Humanities Department

\*\*Language Placement validation course: a good deal if you place into higher course!  
Earn a **B** grade or higher to be awarded placement credits for lower language course(s)

Language Placement: Dr. Ramon Fonkoue, Walker 323, rafonkou@mtu.edu

Language Minor **Advisors**: The language instructor, Humanities Department.



# General Education

## 12 Credits HASS - Humanities, Arts, & Social Sciences

At least 6 credits must be level 3000 & higher.

Choose one

### Communication/Composition

- at least 3 credits

HU2810	Research & Writing in Communication	3
HU2830	Public Speaking & Multimedia	3
HU3015	Advanced Composition	3
HU3120	Technical and Professional Communication	3
HU3151	The Rhetoric of Everyday Texts	3
HU3832	Advanced Digital Presentation	3
HU4628	Usability and Instructions Writing	3
HU4693	Science Writing	3
HU4694	Grant Writing	3

Choose one

### Humanities/Fine Arts (HU/FA)

- at least 3 credits

FA2150	Creative Drawing	3
FA2222	Film Music	3
FA2300	Two-Dimensional Design	3
FA2315	Beginning Wheel Throwing	3
FA2320	Color and Meaning	3
FA2330	Art Appreciation	3
FA2520	Music Appreciation	3
FA2600	Beginning Acting	3
FA2720	Audio Arts Appreciation	3
FA2820	Theatre Appreciation	3
FA3133	Contemporary Music: The Search for New Sounds	3
FA3300	Three-Dimensional Design	3
FA3330	Art History-Prehistory to Renaissance	3
FA3340	Art History-Renaissance to Today	3
FA3350	Design History	3
FA3550	History of Jazz	3
FA3560	Music History	3
FA3600	Advanced Acting	3
FA3625	History of Rock	3
FA3810	Ancient Theatre History	3
FA3821	Modern Theatre History	3
FA3860	Costume History	3
FA4190	Art and Nature	3
HU2292	Level I-B Spanish Language & Culture	3
HU2293	Transitional Level I Spanish Language & Culture	3
HU2324	Introduction to Film	3
HU2400	Introduction to Diversity Studies	3
HU2500	Introduction to Textual Analysis	3
HU2503	Literary Survey A	3
HU2504	Literary Survey B	3
HU2510	Intro to Creative Writing	3
HU2538	British Experience in Literature	3
HU2548	Young Adult Literature	3
HU2700	Introduction to Philosophy	3
HU2702	Ethical Theory and Moral Problems	3
HU2810	Research & Writing in Communication	3
HU2820	Communication and Culture	3
HU2830	Public Speaking & Multimedia	3
HU2910	Language and Mind	3
HU2920	Language and Society	3
HU3015	Advanced Composition	3
HU3120	Technical and Professional Communication	3

Choose one

### Social and Behavioral Science (EC/PSY/SS)

- at least 3 credits

EC2001	Principles of Economics	3
EC3002	Microeconomic Theory	3
EC3003	Macroeconomic Theory	3
EC3100	International Economics	3
EC3300	Industrial Organization	3
EC3400	Economic Decision Analysis	3
EC4050	Game Theory/Strategic Behavior	3
EC4400	Banking and Financial Institutions	3
EC4620	Energy Economics	3
EC4630	Mineral Industry Economics	3
EC4640	Natural Resource Economics	3
EC4650	Environmental Economics	3
FW3313	Sustainable Science Policy & Assessment	3
FW3760	Human Dimensions of Natural Resources	3
GE4630	Mineral Industry Economics	3
MGT3650	Intellectual Property Management	3
PSY2000	Introduction to Psychology	3
PSY2300	Developmental Psychology	3
PSY2400	Health Psychology	3
PSY2600	Death and Dying	3
PSY3010	Theories of Personality	3
SS3410	World Resources & Development	3
SS3500	Modern American History	3
SS3505	Military History of the U.S.	3
SS3510	History of American Technology	3
SS3511	History of Science in America	3
SS3512	Building America	3
SS3515	History of American Architecture	3
SS3520	U.S. Environmental History	3
SS3521	Energy in America	3
SS3530	The Automobile in America	3
SS3540	History of Michigan	3
SS3541	The Copper Country	3
SS3552	Renaissance & Reformation	3
SS3560	History of England I	3
SS3561	History of England II	3
SS3570	History of Canada	3
SS3580	Technology & Western Civilization	3
SS3581	History of Science	3

and choose another course from any of these lists or the HASS Restricted list.

### HASS Restricted List

- no more than 3 credits

BL3970	Current Health Issues	3
ED3510	Communicating Science I	3
GE2100	Environmental Geology	3

Partial lists:  
See complete lists online



Excerpts from the

# Degree Audit

[Login to Banweb](#)

Choose one course from the

## Goal 4 list

Choose one course from the

## Goal 8 list

### General Education Requirement: Core

Complete 3 credits from each sub-requirement below for a total of 12 GenEd Core credits.

NOTE: Each course may satisfy only one requirement. Courses used to satisfy GenEd requirements may not be used to complete other requirements.

Earned 6.0 credits 2 sub-reqs  
IN-PROCESS: 3.0 credits  
Needs: 2 sub-reqs

+ 1) The Composition (UN1015) requirement has been met.  
3.0 credits added 1 course taken  
Fa15 UN 1015 3.0 Composition

IP+ 2) The Global Issues (UN1025) requirement has been met.  
3.0 credits added 1 course taken  
IN-P ---> 3.0 credits 1 course taken  
Sp16 UN 1025 3.0 RGIP Global Issues

- 3) Goal 4 - Critical and Creative Thinking  
Needs: 3.0 credits  
Course list: [FA 2330,2520,2720,2820](#) [HU 2130,2503,2504,2538,2700,2820,2910](#) [SS 2300](#) [TA 9004L](#) [UN 1001](#)

- 4) Goal 8 - Social Responsibility & Ethical Reasoning  
Needs: 3.0 credits  
Course list: [EC 2001](#) [PSY 2000](#) [SS 2100,2200,2400,2500,2501,2502,2503,2504,2505,2600,2610,2700](#) [TA 9008L](#) [UN 2002](#)

Click course number:

### SS 3510 - History of American Technology

Survey of the technological changes that transformed a rural, agrarian America into an urban, industrialized nation. Focuses on how America's social values and geographical situation influenced the direction taken by its technology and engineering community and how America's industrialization, in turn, had significant effects on American society.

**Credits:** 3.0

**Lec-Rec-Lab:** (3-0-0)

**Semesters Offered:** Fall, Spring - Offered alternate years beginning with the 2006-2007 academic year

**Restrictions:** May not be enrolled in one of the following Class(es): Freshman

**Pre-Requisite(s):** UN 1015 and (UN 1025 or Modern Language - 3000 level or higher)

## HASS courses:

12 Credits:

Choose at least 6 credits of HASS electives numbered 3000 and higher.

### General Education Requirement: Humanities, Fine Arts Social and Behavioral Science (HASS)

Complete 3 credits from each sub-requirement below for a total of 12 GenEd HASS credits.

NOTE: Each course may satisfy only one requirement. At least 6 credits must be upper division (3000 - 4000) level course work.

- 1) Communication/Composition  
Needs: 3.0 credits  
Course list: [HU 2810,2830,3015,3120,3151,3832,4628,4693,4694](#) [TA 9005L,9005U](#)
- 2) Humanities/Fine Arts  
Needs: 3.0 credits  
Course list: [FA 2150,2222,2300,2315,2320,2330,2520,2600,2720,2820,3133,3300,3330,3340,3350,3550,3560,3600,3625,3810,3821,3860,4190,4620,9300L,9300U](#) [HU 2241,2242,2271,2272,2273,2281,2282,2291,2292,2293,2324,2400,2500,2503,2504,2510,2538,2548,2700,2702,2810,2820,2830,2910,2920,3015,3120,3130,3150,3151,3263,3264,3271,3272,3274,3275,3280,3281,3282,3283,3284,3285,3291,3292,3293,3294,3295,3296,3325,3400,3502,3504,3505,3506,3507,3513,3514,3515,3516,3545,3557,3621,3700,3701,3702,3710,3711,3800,3810,3820,3830,3832,3840,3850,3860,3871,3910,3940,4271,4272,4273,4281,4282,4283,4291,4292,4293,4510,4625,4628,4693,4694,4701,4800,4890,9300L,9300U](#) [IS 2001,3001](#) [SS 3230](#)
- 3) Social and Behavioral Science  
Needs: 3.0 credits  
Course list: [EC 2001,3002,3003,3100,3300,3400,4050,4400,4620,4630,4640,4650,9300L,9300U](#) [FW 3313,3760](#) [GE 4630](#) [IS 2002,3002](#) [MGT 3650](#) [PSY 2000,2300,2400,2600,3010,3020,3030,3070,3720,9300L,9300U](#) [SS 2100,2200,2210,2300,2400,2500,2501,2502,2503,2504,2505,2600,2601,2610,2635,2700,3110,3200,3230,3240,3250,3260,3270,3300,3313,3315,3400,3410,3500,3506,3510,3511,3512,3515,3520,3521,3530,3540,3541,3552,3560,3561,3570,3580,3581,3600,3610,3612,3630,3635,3640,3650,3660,3661,3700,3710,3750,3760,3800,3801,3820,3910,3920,3950,3951,3952,3960,3961,3990,4001,4100,4200,4210,4390,4700,4961,9300L,9300U](#)
- 4) Select a course not already taken from the list below:  
Needs: 3.0 credits  
Course list: [HU 3015,3120,3151,3832,4628,4693,4694,3970](#) [ED 3510](#) [GE 2100](#) [FA 2150,2222,2300,2315,2320,2330,2520,2600,2720,2820,3133,3300,3330,3340,3350,3560,3600,3625,3810,3821,3860,4190,4620,9300L,9300U](#) [HU 2241,2242,2271,2272,2273,2281,2282,2291,2292,2293,2324,2400,2500,2503,2504,2510,2538,2548,2700,2702,2810,2820,2830,2910,2920,3015,3120,3130,3150,3151,3263,3264,3271,3272,3274,3275,3280,3281,3282,3283,3284,3285,3291,3292,3293,3294,3295,3296,3325,3400,3502,3504,3505,3506,3507,3513,3514,3515,3516,3545,3557,3621,3700,3701,3702,3710,3711,3800,3810,3820,3830,3832,3840,3850,3860,3871,3910,3940,4271,4272,4273,4281,4282,4283,4291,4292,4293,4510,4625,4628,4693,4694,4701,4800,4890,9300L,9300U](#)

Click



# Degree Audit

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**IF** a course shows up in :

**THEN** it is NOT a valid HASS, Goal 4 or 8 course.

**GO** check the gen ed lists and **CHOOSE** a different course.

**ELSE** it won't count on your degree.

▼ **✗ Courses not used to complete degree requirements:**

IP 1) Undergraduate level courses available which may be applicable toward degree requirements.

Sp16	HU	2633	3.0	RGIP	Fund of Digital Imaging
Su15	HU	2632	3.0	✗	Fund of Digital Photography
Fa15	HU	2645	3.0	✗	Graphic and Information Desig

**DOES NOT COUNT!**

Ouch.



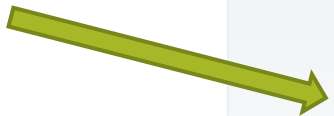
# How to find HASS and Co-Curricular courses

Schedule of Classes

[Home](#) > Schedule of Classes

in the [Schedule of Classes \(SOC\)](#)

1. Highlight Subject:



**Subject:** Operations & Supply Chain Mgmt  
Physical Education  
Physics  
Psychology  
Sciences and Arts  
Service Systems Engineering  
Social Sciences  
Surveying  
Systems Admin. Technology  
Technology

**Course Number:**

**Title:**

**Schedule Type:** All  
Co-op  
Lab

**Credit Range:**  hours to  hours

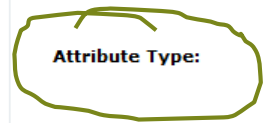
**Campus:** All  
MTU Online

**Course Level:** All  
Graduate  
Undergraduate

**Part of Term:** All  
Non-date based courses only  
1st Half of Term  
2nd Half of Term

**Instructor:** All  
Abdelkhalik, Ossama Omar  
Acharya, Keshab Raj

2.



**Attribute Type:** Learning Goal 8 CORE  
SBS pre-fall 2015  
Soc & Behavioral Sci fall 2015

**Start Time:** Hour 00 Minute 00 am/pm am

**End Time:** Hour 00 Minute 00 am/pm am

**Days:**  Mon  Tue  Wed  Thur  Fri  Sat  Sun

3. Click Class Search:



Scroll down and highlight Attribute Type:

“Learning Goal 4 CORE”

“Learning Goal 8 CORE”

“Composition or Communication”

“Soc & Behavioral Sci fall 2015”

“Humanities/Fine Arts fall 2015”

“HASS Restricted”

“Co-Curricular FA Activity”

“Co-Curricular Phys Activity”



# General Education

## 3 units of Co-curricular Activities

### Degree Audit report:

✖ Co-curricular Course Requirement - 3 credits

Note: Co-curricular courses are required for graduation, but not included in the calculation of gpa's or credit requirements for degrees.

\*Repeatable courses may not be repeated for co-curricular general education credit except for PE0210, Special Topics and PE0425, Intramurals. These courses may be used twice (for a total of 1 credit each) toward the co-curricular requirement.

Earned 1.5 credits  
IN-PROCESS: 1.0 credit  
Needs: 1.5 credits

\* 1) Sp15 PE 0109 0.5 RGIP Aikido  
Sp14 PE 0121 0.5 S Beginning Snowboarding  
Sp15 PE 0170 0.5 RGIP Beg TaeKwonDo and Hapkido

Course list: [AF 0120,0130,0230,0340](#) [AR 0340,2059,2065,2068,2069,2075,3013,3014,3068,3069](#) [FA 2400,2402,2570](#) [PE 0100,0101,0102,0103,0104,0105,0106,0107,0108,0110,0111,0112,0113,0114,0115,0116,0117,0118,0119,0120,0122,0123,0125,0126,0127,0130,0132,0134,0135,0137,0138,0139,0140,0141,0143,0144,0145,0146,0148,0150,0151,0152,0153,0155,0156,0165,0166,0167,0168,0169,0173,0174,0175,0176,0200,0201,0205,0206,0209,0210,0210,0211,0215,0216,0217,0218,0219,0220,0221,0222,0223,0224,0225,0226,0227,0230,0232,0234,0235,0237,0238,0239,0240,0246,0248,0252,0253,0255,0256,0266,0267,0268,0270,0300,0301,0306,0315,0320,0321,0330,0340,0355,0406,0415,0420,0421,0425,0425,0430,0435,1470,1580,1690,2000,2010,2020,2028,2030,2040,2050,2059,2068,2069,2075](#) or [2080,2090,2130,2140,2150,2230,2240](#) [PEA 9006](#)

### Cocurricular Courses 2015-2016 Academic Year

Three co-curricular units are required for graduation. A unit involves the same time commitment as an academic semester credit but is not included in calculation of the GPA, nor in the overall degree-credit requirement. Repeatable courses may not be repeated for co-curricular general education credit.

As part of the co-curriculum, titles of courses successfully completed will appear on the student's transcript with a pass/fail grade. These hours will be included as "earned hours" but will not be included in "GPA hours."

Enrollment in a co-curricular activity will count toward satisfactory progress for financial aid purposes and toward status as a full-time student.

#### Co-curricular Courses

AF0120	Physical Conditioning	.5	PE0170	TaeKwonDo and Hapkido I	.5
AF0130	Air Force Elite Forces Workout	1	PE0175	Hiking	.5
AF0230	Precision Drill Team	.5	PE0176	Outdoor Adventure	var
AF0340	Field Training	1	PE0200	Fitness Foundations	1
AR0340	Internship in Advanced Military Leadership	3	PE0205	Intermediate Bowling	.5
AR2068	Fall Military Physical Conditioning	1	PE0206	Intermediate Golf	.5
AR2069	Spring Military Physical Conditioning	1	PE0209	Intermediate Aikido	.5
AR3068	Physical Training Leadership I	1	PE0210*	Special Topics in Physical Education	.5
AR3069	Physical Training Leadership II	1	PE0215	Intermediate Swimming	.5
FA2400	Huskies Pep Band	1	PE0216	Intermediate Basketball	.5
FA2402	Campus Concert Band	1	PE0217	Intermediate Hockey	.5
FA2570	Private Music Instruction	.5	PE0218	Intermediate Weight Training	.5
PE0101	Flag Football	.5	PE0219	Intermediate Fitness Training	.5
PE0103	Bait and Fly Casting	.5	PE0220	Intermediate Alpine Ski (Downhill)	.5
PE0104	Ultimate Frisbee	.5	PE0221	Intermediate Snowboarding	.5
PE0105	Beginning Bowling	.5	PE0222	Alpine Ski Racing	.5
PE0106	Beginning Golf	.5	PE0223	Freestyle Alpine Skiing	.5
PE0107	Floor Hockey	.5	PE0224	Snowboard Racing (Bordercross)	.5
PE0108	Broomball	.5	PE0225	Freestyle Snowboarding	.5
PE0109	Aikido	.5	PE0226	Intermediate Volleyball	.5
PE0113	Disc Golf	.5	PE0227	Intermediate Archery	.5
PE0114	Frisbockey	.5	PE0230	Water Polo	.5
PE0115	Beginning Swimming	.5	PE0232	Intermediate Soccer	.5
PE0116	Beginning Basketball	.5	PE0235	Intermediate Cross Country Ski	.5
PE0117	Beginning Hockey	.5	PE0237	Intermediate Table Tennis	.5
PE0118	Beginning Weight Training	.5	PE0238	Intermediate Racquetball/Squash	.5
PE0119	Beginning Fitness Training	.5	PE0239	Intermediate Badminton	.5
PE0120	Beginning Alpine Skiing (Downhill)	.5	PE0240	Intermediate Tennis	.5
PE0121	Beginning Snowboarding	.5	PE0246	Intermediate Billiards	.5
PE0122	Softball	.5	PE0248	Intermediate Skating	.5
PE0123	Telemark Skiing	.5	PE0252	Social Dance II	.5
PE0125	Sand Volleyball	.5	PE0253	Aerobics II	.5
			PE0256	Intermediate Mountain Biking	.5
			PE0266	Running for Fitness	.5
			PE0267	Intermediate Yoga	.5
			PE0268	Intermediate Pilates	.5
			PE0270	TaeKwonDo and Hapkido II	.5
			PE0315	Fitness Swimming	.5
			PE0320	Advanced Skiing	.5
			PE0321	Advanced Snowboarding	.5
			PE0330	Club Sports	.5
			PE0340	Advanced Tennis	.5
			PE0355	Advanced Road Biking	.5
			PE0400	Indoor Golf	.5
			PE0421	Ski Instructor Training	.5
			PE0421	Snowboard Instructor Training	.5
			PE0421		.5





1. Check your degree audit report. Ensure you registered in courses that count.
2. Meet with your advisor if you have questions after reviewing your degree audit.

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# ADVISOR LIST

