

# Engineering College Wide Requirements

Campus: UMICH  
Career: UENG  
Program: 00007  
Plan:

RG = Requirement Group  
RQ = Requirement  
LN = Line

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## REQUIREMENT GROUPS AT THE PROGRAM:

### **RG 4056**      **COMMON REQUIREMENTS** Effective FA05/1560 (09/06/2005)

#### **RQ 3988**      **MATH 115, 116, 215, 216** Effective FA05/1560 (09/06/2005)

(Aerospace, Biomedical, Chemical, Civil, Earth Sys Sc & Eng, Engineering BS, Engineering Physics, Mechanical, Materials Science & Engin, Naval Arch & Marine Eng, NERS, Engineering 1<sup>st</sup> Year, Unclassified)

LN 0010	Math 115 is required
LN 0020	Math 115 transfer (make no exceptions here)
LN 0030	Math 116 is required
LN 0040	Math 116 transfer (make no exceptions here)
LN 0050	Math 215 is required
LN 0060	Math 215 transfer (make no exceptions here))
LN 0070	Math 216 is required
LN 0080	Math 216 transfer (make no exceptions here)
LN 0090	Less than Minimum Grade (make no exceptions here)
LN 0100	Excess MATH (make no exceptions here)

#### **RQ 4633**      **MATH 115, 116, 215, 216** Effective FA05/1560 (09/06/2005)

(Electrical Engineering, Computer Engineering, Computer Science)

LN 0010	Math 115 is required
LN 0020	Math 115 transfer (make no exceptions here)
LN 0030	Math 116 is required
LN 0040	Math 116 transfer (make no exceptions here)
LN 0050	Math 215 is required
LN 0060	Math 215 transfer (make no exceptions here)
LN 0070	Math 216 is required
LN 0080	Math 216 transfer (make no exceptions here)
LN 0090	Less than Minimum Grade (make no exceptions here)
LN 0100	Excess MATH (make no exceptions here)

#### **RQ 3989**      **MATH 115, 116, 214, 215** Effective FA05/1560 (09/06/2005)

(IOE)

LN 0010	Math 115 is required
LN 0020	Math 115 transfer (make no exceptions here)
LN 0030	Math 116 is required
LN 0040	Math 116 transfer (make no exceptions here)
LN 0050	Math 214 is required
LN 0060	Math 214 is transfer (make no exceptions here)
LN 0070	Math 215 is required
LN 0080	Math 215 is transfer (make no exceptions here)
LN 0090	Less than Minimum Grade (make no exceptions here)

## Engineering College Wide Requirements

LN 0100 Excess MATH (make no exceptions here)

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**RQ 3990 ENGR 100 and 101 (IN Student Group EFYS: Engr First Year Student)**

Effective FA05/1560 (09/06/2005)

(Aerospace, Biomedical, Chemical, Civil, Earth Sys Sc & Eng, Engineering BS, Engineering Physics, IOE, Mechanical, Materials Science & Engin, Naval Arch & Marine Eng, NERS, Engineering 1<sup>st</sup> Year, Unclassified)

LN 0010 ENGR 100 is required  
LN 0020 ENGR 100 transfer (make no exceptions here)  
LN 0030 ENGR 101 or alternate is required  
LN 0040 ENGR 101 transfer (make no exceptions here)  
LN 0050 Less than Minimum Grade (make no exceptions here)  
LN 0060 Excess ENGR (make no exceptions here)

**RQ 4788 ENGLISH 124 or 125 and ENGR 101 (NOT IN Student Group EFYS: Engr First Year Student)**

Effective FA05/1560 (09/06/2005)

(Aerospace, Biomedical, Chemical, Civil, Earth Sys Sc & Eng, Engineering BS, Engineering Physics, IOE, Mechanical, Materials Science & Engin, Naval Arch & Marine Eng, NERS, Engineering 1<sup>st</sup> Year, Unclassified)

LN 0010 ENGLISH 124 or 125 is required  
LN 0020 ENGLISH 124 or 125 transfer (make no exceptions here)  
LN 0030 ENGR 101 or alternate is required  
LN 0040 ENGR 101 transfer (make no exceptions here)  
LN 0050 Less than Minimum Grade (make no exceptions here)  
LN 0060 Excess ENGR (make no exceptions here)

**RQ 4635 ENGR 100 and 101 (IN Student Group EFYS: Engr First Year Student)**

Effective FA05/1560 (09/06/2005)

(Electrical Engineering, Computer Engineering, Computer Science)

LN 0010 ENGR 100 is required  
LN 0020 ENGR 100 transfer (make no exceptions here)  
LN 0030 ENGR 101 or alternate is required  
LN 0040 ENGR 101 transfer (make no exceptions here)  
LN 0050 Less than Minimum Grade (make no exceptions here)  
LN 0060 Excess ENGR (make no exceptions here)

**RQ 4789 ENGLISH 124 or 125 and ENGR 101 (NOT IN Student Group EFYS: Engr First Year Student)**

Effective FA05/1560 (09/06/2005)

(Electrical Engineering, Computer Engineering, Computer Science)

LN 0010 ENGLISH 124 or 125 is required  
LN 0020 ENGLISH 124 or 125 transfer (make no exceptions here)  
LN 0030 ENGR 101 or alternate is required  
LN 0040 ENGR 101 transfer (make no exceptions here)  
LN 0050 Less than Minimum Grade (make no exceptions here)  
LN 0060 Excess ENGR (make no exceptions here)

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## Engineering College Wide Requirements

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**RQ 3991 [CHEM 125, 126, and 130] or [CHEM 210 and 211]**

Effective FA05/1560 (09/06/2005)

(Aerospace, Civil, Earth Sys Sc & Eng, Engineering BS, Engineering Physics, IOE, Mechanical, Naval Arch & Marine Eng, NERS, Engineering 1<sup>st</sup> Year, Unclassified)

LN 0010 CHEM 125, 126, 130 are required

LN 0015 CHEM 125, 130 are required (external transfer courses only)

LN 0030 CHEM 210 and 211 are required

**RQ 3995 CHEM 130**

Effective FA05/1560 (09/06/2005)

(Biomedical, Chemical)

LN 0010 CHEM 130 is required

LN 0020 CHEM 130 transfer (make no exceptions here)

**RQ 3998 CHEM 125, 126, 130 or CHEM 130, 211**

Effective FA05/1560 (09/06/2005)

(Materials Science & Engin)

LN 0010 CHEM 125, 126, 130 are required

LN 0020 CHEM 125 and 130 are required (external transfer courses only)

LN 0030 CHEM 130 and 211 are required

**RQ 4634 [CHEM 125, 126, and 130] or [CHEM 210 and 211]**

Effective FA05/1560 (09/06/2005)

(Electrical Engineering, Computer Engineering, Computer Science)

LN 0010 CHEM 125, 126, 130 are required

LN 0020 CHEM 125, 130 are required (external transfer only)

LN 0030 CHEM 210 and 211 are required

**RQ 4682 Courses not used to satisfy CHEM RQ (make no exceptions here)**

Effective FA05/1560 (09/06/2005)

(Biomedical, Chemical)

LN 0010 Less than Minimum Grade

(Aerospace, Civil, Earth Sys Sc & Eng, Engineering BS, Engineering Physics, IOE, Mechanical, Naval Arch & Marine Eng, NERS, Engineering 1<sup>st</sup> Year, Unclassified)

LN 0020 Less than Minimum Grade

LN 0030 Excess [CHEM 125, 126, and 130] or [CHEM 210 and 211]

(Materials Science & Engineering)

LN 0040 Less than Minimum Grade

LN 0050 Excess [CHEM 125, 126, and 130] or [CHEM 125 and 130] or [CHEM 130 and 211]

(Electrical Engineering, Computer Engineering, Computer Science)

LN 0060 Less than Minimum Grade

LN 0070 Excess [CHEM 125, 126, and 130] or [CHEM 210 and 211] in EECS

## Engineering College Wide Requirements

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**RQ 4641      PHYSICS 140, 141, 240, 241**

Effective FA05/1560 (09/06/2005)

(Aerospace, Biomedical, Chemical, Civil, Earth Sys Sc & Eng, Engineering BS, Engineering Physics, IOE, Mechanical, Materials Science & Engin, Naval Arch & Marine Eng, NERS, Engineering 1<sup>st</sup> Year, Unclassified)

LN 0010	Physics 140
LN 0020	Physics 140 transfer (make no exceptions here)
LN 0030	Physics 141
LN 0040	Physics 141 transfer (make no exceptions here)
LN 0050	Physics 240
LN 0060	Physics 240 transfer (make no exceptions here)
LN 0070	Physics 241
LN 0080	Physics 241 transfer (make no exceptions here)
LN 0090	Less than Minimum Grade (make no exceptions here)

**RQ 4685      PHYSICS 140, 141, 240, 241**

Effective FA05/1560 (09/06/2005)

(Electrical Engineering, Computer Engineering, Computer Science)

LN 0010	Physics 140
LN 0020	Physics 140 transfer (make no exceptions here)
LN 0030	Physics 141
LN 0040	Physics 141 transfer (make no exceptions here)
LN 0050	Physics 240
LN 0060	Physics 240 transfer (make no exceptions here)
LN 0070	Physics 241
LN 0080	Physics 241 transfer (make no exceptions here)
LN 0090	Less than Minimum Grade (make no exceptions here)

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**RG 5941      HUMANITIES**

Effective FA05/1560 (09/06/2005)

**RQ 4582      Six units of Humanities**

Effective FA02/1410 (09/03/2002)

LN 0010	Humanities
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**RG 5939      SEQUENCE OF HUMANITIES OR SOCIAL SCIENCE COURSES. One 300 level or above course is required.**

Effective FA05/1560 (09/06/2005)

**RQ 4144      AAPTIS Sequence**

Effective FA05/1560 (09/06/2005)

LN 0010	300 level course
LN 0020	Non 300 level course

**RQ 4145      ACABS Sequence**

Effective FA05/1560 (09/06/2005)

LN 0010	300 level course
LN 0020	Non 300 level course

## Engineering College Wide Requirements

**RQ 4146      AMCULT Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010      300 level course  
LN 0020      Non 300 level course

**RQ 4646      ANCBIBL Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010      300 level course  
LN 0020      Non 300 level course

**RQ 4219      ANTHRARC Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010      300 level course  
LN 0020      Non 300 level course

**RQ 4147      ANTHRCUL Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010      300 level course  
LN 0020      Non 300 level course

**RQ 4647      ARABIC Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010      300 level course  
LN 0020      Non 300 level course

**RQ 4089      ARCH Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010      300 level course  
LN 0020      Non 300 level course

**RQ 4148      ARMENIAN Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010      300 level course  
LN 0020      Non 300 level course

**RQ 4648      ARTDES Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010      300 level course  
LN 0020      Non 300 level course

**RQ 4149      ASIAN Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010      300 level course  
LN 0020      Non 300 level course

**RQ 4098      ASIANLAN Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010      300 level course  
LN 0020      Non 300 level course

**RQ 4099      BCS Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010      300 level course  
LN 0020      Non 300 level course

## Engineering College Wide Requirements

**RQ 4101 BUDDHST Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4150 CAAS Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4102 CCS Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4103 CHIN Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4104 CJS Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4105 CLARCH Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4106 CLCIV Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4107 CLLING Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4151 COMM Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4108 COMPLIT Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4109 CZECH Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

## Engineering College Wide Requirements

**RQ 4110 DANCE Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4111 DUTCH Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4221 ECON Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4112 ENGLISH Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4113 ENVIRON Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4115 FRENCH Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4153 GERMAN Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4116 GREEK Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4117 GTBOOKS Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4653 HEBREW Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4118 HISTART Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

## Engineering College Wide Requirements

**RQ 4154 HISTORY Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4155 HJCS Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4119 HONORS Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4156 INSTHUM Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4157 INTEFLEX Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4654 IRANIAN Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4122 ITALIAN Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4123 JAPANESE Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4158 JUDAIC Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4124 KOREAN Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4228 LACS Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

## Engineering College Wide Requirements

**RQ 4125 LATIN Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4159 LHSP Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4160 LING Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4656 MARC Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4161 MEMS Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4229 MENAS Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4162 MODGREEK Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4657 MUSICOL Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4658 NES Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4230 NRE Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4231 NURS Sequence**

Effective [FA05/1560 \(09/06/2005\)](#)

LN 0010 300 level course  
LN 0020 Non 300 level course

## Engineering College Wide Requirements

**RQ 4672 PAT Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4216 PHIL Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4127 POLISH Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4232 POLSCI Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4128 PORTUG Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4233 PSYCH Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4677 RCCORE Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4130 RCHUMS Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4668 RCDIV Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4666 RCLANG Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4234 RCSSCI Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

## Engineering College Wide Requirements

**RQ 4235 REES Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4129 RELIGION Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4131 ROMLANG Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4132 ROMLING Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4133 RUSSIAN Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4114 SAC Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4135 SAS Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4136 SCAND Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4138 SEAS Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4139 SERBOCRO Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4163 SLAVIC Sequence**  
[Effective FA05/1560 \(09/06/2005\)](#)  
LN 0010 300 level course  
LN 0020 Non 300 level course

## Engineering College Wide Requirements

**RQ 4237 SOC Sequence**  
Effective FA05/1560 (09/06/2005)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4140 SPANISH Sequence**  
Effective FA05/1560 (09/06/2005)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4140 SSEA Sequence**  
Effective FA05/1560 (09/06/2005)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4662 THEORY Sequence**  
Effective FA05/1560 (09/06/2005)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4661 THREMUS Sequence**  
Effective FA05/1560 (09/06/2005)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4660 TURKISH Sequence**  
Effective FA05/1560 (09/06/2005)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4164 UC Sequence**  
Effective FA05/1560 (09/06/2005)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4142 UKRAINE Sequence**  
Effective FA05/1560 (09/06/2005)  
LN 0010 300 level course  
LN 0020 Non 300 level course

**RQ 4165 WOMENSTD Sequence**  
Effective FA05/1560 (09/06/2005)  
LN 0010 300 level course  
LN 0020 Non 300 level course

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**RG 5940 HUMANITIES AND SOCIAL SCIENCE TOTAL UNITS**  
Effective FA05/1560 (09/06/2005)

**RQ 4434 16 Units Required: Humanities/Social Sciences Total Units**  
Effective FA05/1560 (09/06/2005)  
LN 0010 Remaining HU/SS

## Engineering College Wide Requirements

**RQ 4586**      **ECON 101 or 102 is required.**  
Effective FA05/1560 (09/06/2005) (Chemical, Civil, Engineering BS, Materials Science, Mechanical)  
LN 0010      ECON 101 or 102 is required

**RQ 4716**      **Excess Humanities and Social Sciences units beyond 16**  
Effective FA05/1560 (09/06/2005)  
LN 0010      Excess Humanities and Social Sciences units beyond 16

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**RG 4335**      **RESIDENCY REQUIREMENT**  
Effective FA05/1560 (09/06/2005)

**RQ 4000**      **Residency**  
Effective FA05/1560 (09/06/2005)  
LN 0010      50 units from the Ann Arbor Campus

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**RG 4057**      **UNITS AND GPA REQUIREMENTS**  
Effective FA05/1560 (09/06/2005)

**RQ 3992**      **ENG Total Units, and GPA requirements**  
Effective FA05/1410 (09/06/2005)  
LN 0010      128 units are required  
LN 0020      Cumulative GPA of 2.00 or more

**RQ 4631**      **Optional Pass/Fail**  
Effective FA05/1410 (09/06/2005)  
LN 0010      A maximum of fourteen units can be used toward degree requirements. See your departmental advisor if the total exceeds fourteen.

**RQ 5288**      **Engineering: First Year General Electives** [Academic Plan = 2900 (Engineering: First Year)]  
Effective FA05/1410 (09/06/2005)  
LN 0010      General Electives