

CIVIL ENGINEERING BSE PLAN REQUIREMENTS

Campus: UMICH
Career: UENG
Program:
Plan: 1550BSE
Sub-Plan:

RG = Requirement Group
RQ = Requirement
LN = Line

RG 7520 CIVIL ENGINEERING MAJOR REQUIREMENTS Effective FA11/1860 (09/06/2011)

RQ 6395 Science Elective

Effective FA11/1860 (09/06/2011)

LN 0010 One course (3 units) is required - BIOLOGY 171, 172, 174, 195, GEOSCI 119, 201, 222, 284, 320, or CEE 582

RQ 5131 Required Program Subjects

Effective FA11/1860 (09/06/2011)

LN 0010 CEE 200
LN 0020 CEE 211
LN 0030 CEE 212
LN 0040 CEE 230 or 370
LN 0050 CEE 265
LN 0060 CEE 270
LN 0070 CEE 303
LN 0080 CEE 325
LN 0100 CEE 345
LN 0110 CEE 402
LN 0120 Less than Minimum Grade (make no exceptions here)

RQ 6394 Program Electives

Effective FA11/1860 (09/06/2011)

LN 0010 Program Electives: Four of the five following courses are required: CEE 312, 351, 365, 421, 4311

RQ 5726 Technical Electives

Effective FA11/1860 (09/06/2011)

LN 0010 Construction Engineering and Management – Two from CEE 534, 536, 537, 539 (taken Winter 2010 or later)
LN 0030 Construction: One additional Technical Elective course
LN 0050 Environmental - CEE 460
LN 0060 Environmental – One from CEE 465, 481, 482, 581, 582
LN 0070 Environmental: One additional Technical Elective course
LN 0080 Geotechnical – Two from CEE 540, 545, 546, 549
LN 0100 Geotechnical: One additional Technical Elective course
LN 0110 Hydraulics/Hydrology - CEE 526
LN 0120 Hydraulics/Hydrology- One from CEE 428, 521
LN 0130 Hydraulics/Hydrology: One additional Technical Elective course
LN 0140 Materials - CEE 547, 554
LN 0150 Materials: One additional Technical Elective course
LN 0160 Structural - CEE 413, 415
LN 0180 Structural: One additional Technical Elective course
LN 0190 Courses used by RQ (line has been added to enable the correct units earned in Technical Electives to display on the CoE xml report; the display issue occurs when the requirement has not been satisfied)

CIVIL ENGINEERING BSE PLAN REQUIREMENTS

RQ 5823 Less Than Minimum Grade Technical Electives

Effective FA05/1560 (09/06/2005)

LN 0010 Less Than Minimum Grade (no exceptions made here)

RQ 5727 Surplus Technical Electives

Effective FA05/1560 (09/06/2005)

LN 0010 Construction Engineering and Management (no exceptions made here)

LN 0020 Environmental (no exceptions made here)

LN 0030 Geotechnical (no exceptions made here)

LN 0040 Hydraulics /Hydrology (no exceptions made here)

LN 0050 Materials (no exceptions made here)

LN 0060 Structural (no exceptions made here)

Effective FA05/1560 (09/06/2005)

RQ 5131 Program Subjects

Effective FA05/1560 (09/06/2005)

LN 0010 CEE 312 (412 prior to Fall 2009), 345 (445 prior to Winter 2009), 351, 360, 402, 421, 431

LN 0020 Less than Minimum Grade (make no exceptions here)

RQ 5132 Advanced Mathematics

Effective 09/06/2011 Inactive

Effective FA05/1560 (09/06/2005)

LN 0010 CEE 270, CEE 303

LN 0020 Less than Minimum Grade (make no exceptions here)

LN 0040 Excess Advanced Mathematics (no exceptions made here)

LN 0050 CEE 270 limit (make no exceptions here)

LN 0060 CEE 303 limit (make no exceptions here)

RQ 5133 Technical Core Subjects

Effective 09/06/2011 Inactive

Effective FA05/1560 (09/06/2005)

LN 0010 CEE 211, 212, 230, 260, 325

LN 0020 Less than Minimum Grade (no exceptions made here)

LN 0030 Excess Technical Core Subjects (no exceptions made here)

LN 0040 CEE 211 limit (make no exceptions here)

LN 0050 CEE 212 limit (make no exceptions here)

LN 0060 CEE 230 limit (make no exceptions here)

LN 0070 CEE 260 limit (make no exceptions here)

LN 0080 CEE 325 limit (make no exceptions here)

RQ 5726 Technical Electives

Effective FA05/1560 (09/06/2005)

LN 0010 Construction Engineering and Management - CEE 531(taken Fall 2009 or later), 534, 536, 537, 538 (taken Fall 2006 or later AND prior to Fall 2009), 539 (taken Winter 2010 or later)

LN 0030 Construction: One additional Technical Elective course

LN 0050 Environmental - CEE 460

LN 0060 Environmental – One from CEE 581, 582

LN 0070 Environmental: One additional Technical Elective course

LN 0080 Geotechnical - CEE 540 (taken Fall 2009 or later), 542, 544, (taken Fall 2009 or later), 545, 546

LN 0100 Geotechnical: One additional Technical Elective course

LN 0110 Hydraulics/Hydrology - CEE 526

LN 0120 Hydraulics/Hydrology- One from CEE 428, 521(taken Fall 2006 or later), 590 (taken Fall 2006 or later)

CIVIL ENGINEERING BSE PLAN REQUIREMENTS

LN 0130	Hydraulics/Hydrology: One additional Technical Elective course
LN 0140	Materials - CEE 547, 554
LN 0150	Materials: One additional Technical Elective course
LN 0160	Structural - CEE 413, 415
LN 0180	Structural: One additional Technical Elective course
LN 0190	Courses used by RQ (line has been added to enable the correct units earned in Technical Electives to display on the CoE xml report; the display issue occurs when the requirement has not been satisfied)

RQ 5823 **Less Than Minimum Grade Technical Electives**

Effective FA05/1560 (09/06/2005)

LN 0010	Less Than Minimum Grade (no exceptions made here)
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RQ 5727 **Surplus Technical Electives**

Effective FA05/1560 (09/06/2005)

LN 0010	Construction Engineering and Management (no exceptions made here)
LN 0020	Environmental (no exceptions made here)
LN 0030	Geotechnical (no exceptions made here)
LN 0040	Hydraulics /Hydrology (no exceptions made here)
LN 0050	Materials (no exceptions made here)
LN 0060	Structural (no exceptions made here)

RG 8342 **CIVIL ENGINEERING RESIDENCY, GPA REQUIREMENTS**

Effective FA05/1560 (09/06/2005)

RQ 5174 **Civil Engineering Residency and GPA requirements**

Effective FA05/1560 (09/06/2005)

LN 0010	Minimum 30 units of technical courses at the 300 level or higher
LN 0020	Major GPA. NFC and REP courses may affect the major GPA. See your departmental advisor for the correct calculation if these codes appear below.
LN 0030	General Electives
LN 0040	Not Used for Graduation Requirement, Withdrawals, Failures, Incompletes, Not For credit, Less Than Minimum Grades