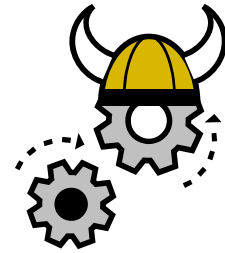


University of Idaho

Department of Mechanical Engineering
Moscow, Idaho 83844-0902

Advisor's Guide



Spring 2009 (updated Fall 2008)

Visit <http://www.uidaho.edu/schedule/>
for up-to-date course offerings.

Contents

General Information.....	1
Advising/Registration Dates	1
Student Files.....	2
Certification and Graduation Requirements	2-3
Provisional Certification/Certification (awarding of).....	3
Meeting Core Humanities/Social Science Core Requirements	3-4
Curriculum Notes.....	5
Transfer Credit Policy	6
Career Advising	6
Internship Advising.....	6
Tutoring and Academic Assistance	6
Western Undergraduate Exchange Program.....	6
Curriculum Transition Rules (2005-2008)	6
Summer 2009 Offerings.....	6
Appendix A: Technical Electives, Spring 09.....	7
Appendix B: Technical Elective changes	8-9
Appendices C, D: Curriculum Transitions, 2005-2008	9
Appendix E: General Core Studies	10
Appendix F: Transfer Policy.....	11

GENERAL INFORMATION

All mechanical engineering undergraduate students must see an advisor in order to register. The advisor must remove the student's advisor hold via VandalWeb.

Because John Sturgul is retiring in December, Edwin Odom is on sabbatical this year, and Karen Den Braven and Don Elger are back from sabbaticals, re-assignment of many advisees has been made. There is a hard-copy list in the E/P hallway outside Eric Wolbrecht's office, room 324P. If you are advising any international students, they should be in close contact with the International Programs Office in the Living & Learning Center, Building #3, phone 885-8984.

ADVISING & REGISTRATION DATES for Fall 2008

An advising sign-up sheet must be posted on your office door two weeks in advance of advising so students can sign up for an advising appointment. In your classes, please announce the advising schedule so students know when sign-up and advising occurs. You can also e-mail your advisees via the Faculty & Advisor VandalWeb.

Sign up sheet must be posted: Wednesday, October 8

Academic advising: Monday, October 20 through Friday, October 31

Registration begins: Monday, November 10

Registration dates by class standing:

Class standing is determined by credits accumulated plus credits in progress for Fall 08.

Seniors (90+crs)/Graduate/Law/WAMI/Honors Monday, November 10, 7:00 P.M.

Juniors (58-89.9crs) Tuesday, November 11

Sophomores (26-57.9crs) Wednesday, November 12

Freshmen (0-25.9crs) Thursday, November 13

Non-degree Friday, November 14

The Registrar updates the time schedule daily. Go to <http://www.uidaho.edu/schedule/>.

STUDENT CURRICULUM GUIDE

1. **Update the curriculum guide form**—phone numbers, e-mail, class status, GPA, advising record (including the student's signature), and certification information. Pay particular attention to the projected graduation date.
2. **Enter grades** for the courses the student took last semester.
3. **Remove the advisor hold** after each advising session via the Faculty & Advisor VandalWeb.

D/F grade worksheet: The ME Office staff is taking responsibility for recording the D/F grades.

We have created 4 and 5 year suggested degree plans for students who start in remedial math and/or English. They are available in the ME office.

WAIT-LISTS

Students are able to wait-list for more than one section of a particular course. When space becomes available in a section in which the student is wait-listed, the system automatically adds the student to that section and drops him/her from all other wait-listed sections.

Often, students have been finding themselves wait-listed for several courses, sometimes not knowing whether or not they will get in until the last minute. Whenever possible, give your advisees one or two alternate classes to take.

STUDENT FILES

You will soon receive your student files. You will work with the master student files—there are no other copies. Please do not misplace them, and return them promptly after you have advised your students and **removed their advisor hold**.

There will be 2 boxes in the main office for the return of student files:

One box will be designated for files that require action on the part of the office staff:

1. Students needing overrides for pre-requisites for courses they need to take. (See additional comments below.)*
2. Students receiving provisional certification for Fall 08;
3. Students achieving certification.

The second box will be for files which require no action on the part of the office staff.

***Pre/co-requisites for transfer students.** Sometimes when a student transfers in courses, the registration system does not recognize substituted and/or waived courses (indicated on the curriculum guide) as satisfying pre/co-requisites for advanced courses. If the student will be taking a class that requires a pre/co-requisite that is met by a substituted course, please put those students' folders in the "action" box in the office so that we can enter the necessary overrides.

CERTIFICATION AND GRADUATION REQUIREMENTS

Certification—FOR STUDENTS WHO STARTED PRIOR TO FALL 04

Students majoring in mechanical engineering must earn a grade of C or better in each specified lower-division course in order to be admitted to upper division mechanical engineering courses. In addition, a grade higher than C must be earned in at least five of these courses. A grade of P (pass) in any of these courses is considered as a C grade in satisfying this certification requirement.

Graduation—FOR STUDENTS WHO STARTED PRIOR TO FALL 04

A minimum grade of C must be earned in all required curriculum courses except ME 426, ME 430, and Core Discovery.

Certification—FOR STUDENTS WHO STARTED FALL 05 AND LATER

To be admitted to upper-division mechanical engineering classes, students majoring in mechanical engineering may accumulate no more than three grades of D or F in the mathematics, science, ME or engineering courses used to satisfy lower-division requirements. Included in this number are multiple repeats of a single class or single repeats in multiple classes, and courses transferred from other institutions. In addition, a student must earn at least five grades better than a C in mathematics, science, ME or engineering courses used to satisfy lower-division requirements.

Graduation—FOR STUDENTS WHO STARTED FALL 05 AND LATER

Any student majoring in mechanical engineering may accumulate no more than five grades of D or F in the mathematics, science, ME or engineering courses used to satisfy graduation requirements. Included in this number are multiple repeats of a single class or single repeats in multiple classes and courses transferred from other institutions.

Transition Rules

Existing students will remain on the current Certification and Graduation Requirements model. However, if an existing student determines that it is to their advantage to change to the new D/F set of requirements, they may do so. If a student does choose to switch to the new Certification and Graduation requirements, they cannot switch back—the change to the new requirements is irreversible. Each option comes as a package of Certification and Graduation requirements. For example, a student may not elect the current certification requirement and the new graduation requirement. The department recommends that students do not make any decision to change options without giving it serious thought and consulting with his/her advisor. If and when you decide to make the change, please see Becky.

AWARDING CERTIFICATION AND PROVISIONAL CERTIFICATION

Certification: Indicate on the Certification Requirements block of the student's curriculum guide form that the student will achieve certification at the end of this semester: i.e., certified end of Fall 2008. Sign and date on the appropriate line. **Certification for the student will not be entered into the system until you, the advisor, have signed the form.** Students must have certification or provisional certification to register for 300 and 400-level Mechanical Engineering classes.

Provisional Certification: Some students who are faithfully following the curriculum in the appropriate order may arrive at a semester wherein they will not yet be certified but are otherwise fully prepared to take junior-level ME courses. If the student will complete certification requirements during the upcoming semester and has all the pre-requisites and co-requisites for certain junior/senior-level ME curriculum courses, you may provisionally certify the student to take these courses. Sign and date the "Provisional Certification" section on the advising form. Provisional certification may occur only once for each student. Note that registration for the engineering science courses (Engr 350, Engr 335, and Engr 320) does not require certification.

Be sure to place the files of students receiving certification or provisional certification in the designated box in the ME office. The certification process is not complete until the office staff receives the file and enters the certification into Banner.

MEETING CORE HUMANITIES/SOCIAL SCIENCE REQUIREMENTS

Rather than trying to unravel the information on the next page, the best way to find out what the student needs to fulfill Core/Clusters is to pull up his/her degree audit on the web. Even though we have said that Clusters have "gone away," some students will still need an Upper-Division or International course, or perhaps a humanities or social science required to complete their program. Please let us know if you have questions or if the degree audit seems irregular.

Students who begin their academic career at UI are placed on that year's UI Core. Students who transfer credit to the UI—whether it is Advanced Placement, college credit taken while attending high school, or transfer credits from another institution—are eligible for State Board Core. If the transfer credits equal 14 or more, the Registrar automatically puts them on State Board Core. If fewer than 14 credits, the department must request that they be moved to the State Board Core if one or more of the courses transferred is a humanities or social science course. Students who begin at UI and leave for a semester (with the exception of summer) to take courses at another institution, then return to UI may also be put on State Board Core. The main advantage for students is that it simplifies the completion of their General Core Studies requirements. *See Becky for additional information prior to suggesting to students that they change their core.*

Students may fall under one of the following General Core Studies Requirements:

1. The Old Core

For students starting before and including the 2002-2003 academic year

- a. AmSt 301 or Phil 103 (3 credits of Humanities)
- b. Econ 201, 202, or 272 (3-4 credits of Social Science)
- c. 3 credits of Humanities Elective
- d. 3 credits of Social Science Elective
- e. 1-2 credits of Humanities or Social Science Elective

Must total 14 credits with at least 6 credits each of Humanities and Social Science.

2. The Interim Core

For students starting before and including the 2003-2004 academic year

- a.
 - i. CD: Soc. Trans/Market Myths (7 credits)
 - ii. Econ 201, 202, or 272 (3-4 credits)
 - iii. Humanities Elective (3 credits)
- b.
 - i. CD: Any other with a H/SS split: (7 credits)
 - ii. Econ 201, 202, or 272 (3-4 credits)
 - iii. Phil 103 or AmSt 301 (3 credits)
- c.
 - i. CD with either both H or both SS (7 credits)
 - ii. Econ 201, 202, or 272 (3-4 credits)
 - iii. Phil 103 or AmSt 301 (3 credits)
 - iv. Humanities or Social Science Elective (opposite of CD) (3 credits)

Must total 13 credits with at least 6 credits each of Humanities and Social Science.

3. State Board Core

For students with 14 or more transfer credits (or less than 14 transfer credits if at least one course is Humanities or Social Science)

- a. Economics 201, 202, or 272
- b. Philosophy 103
- c. 3 credits of Social Science Elective
- d. 3 credits of Humanities Elective

Must total 12 credits with at least 6 credits each of Humanities and Social Science.

4. New Core with Clusters

For students beginning during the 2004-2005 academic year and later.

- a. Two semesters of Core Discovery
- b. Econ 201, 202, or 272
- c. Phil 103
- d. Cluster Completion Course (see ME UI Core & Cluster Advising Guide)

Must total 15 credits with at least 6 credits each of Humanities and Social Science, 8 credits from one cluster, one upper-division course in a cluster, and one international course. Also see APPENDIX E.

CURRICULUM NOTES

- Clusters: a cluster usually does not include all three of the economics courses our students choose from. Typically, a cluster will have **either Econ 201 or Econ 202 and Econ 272**. Therefore, cluster choices are reduced even further depending on whether or not a student chooses Econ 201 or 202. **Start discussing now with your advisees what their options are for completing a cluster. Look on the student's web Degree Audit for guidelines. Freshmen entering 2008 and after are not subject to clusters.**
- Engr 350 pre-requisites are **Math 175 and Engr 210**, effective F04.
- General Core Studies: use the on-line degree audit to track this.
- ME 123 (fall only) co-requisites are **Math 143 or Math 170**, effective F04
- ME 313 is offered fall and spring.
- ME 323 has been dropped from the curriculum S05. Its content is absorbed and expanded by ME 424/426. The faculty have chosen to fill the 3 credits with an ME, Math, or Stat technical elective. See *Appendix A*
- ME 341 (fall only) is a prerequisite to ME 325 (spring only) effective for the F04 catalog.
- All students are required to have ME 341 as a pre-requisite to ME 325 effective Spring 07.
- ME 341 pre-requisites are **Engr 350, Math 275, Math 310** effective F04.
- ME 341 (fall only) is a required course for students starting the program F04 and after.
- ME 424: pre-requisites are: **ME 313, ME 324, ME 325, ME 330, ME 345**.
- ME 441 has been changed back to ME 341.
- M/MS technical elective has been dropped for students starting F04 and later because these students will be required to take ME 341.
- MSE 201 is offered fall only.
- PHYS 213 is taught spring only.
- ME 424 will likely be taught during Summer 2009. Please advise your students accordingly.
- ME 225 has been dropped from the curriculum effective Fall 07. Math 330 is now required in its place.
- Math 330 has been added to the curriculum and is required for students entering Fall 07, or students who still must take ME 225 (see above). **Upper-division students should take Math 330 as a technical elective.** Math 330 is a co-requisite for ME 313, ME 324 and ME 435.
- Effective Fall 07: pre-requisites to ME 424 are ME 313, 324 325, 330 and 345; ME 424 is a pre-requisite to ME 426.
- Effective Spring 09 ME 324 will be dropped from the curriculum. Students should take an ME technical elective in its place. See Appendix B for transition rule.

TRANSFER CREDIT POLICY—See Appendix F, p. 11

CAREER ADVISING

As you are advising your students on which classes to take to complete the degree, consider striking up a conversation about their career. You might ask your advisee, “What do you see yourself doing after graduation?” This might spark a rather lively conversation about the student’s career path, and which technical electives might best fit best their area of interest. You might also discover some graduate students this way. Students seeking additional information should contact Career and Professional Planning at 5-6121.

INTERNSHIP ADVISING

There are many internship opportunities that your advisees may not be aware of. It would be helpful to inform the students that as our office receives notice of openings, the information is sent out via e-mail and also posted on the student bulletin board outside the ME office (E/P 324K). Encourage your advisees who are interested in participating in an internship to contact Career and Professional Planning at 885-6121.

TUTORING AND ACADEMIC ASSISTANCE

For information, contact Meredyth Goodwin at 885-6307 or go to the office, Commons 306.

WESTERN UNDERGRADUATE EXCHANGE PROGRAM

The state of Washington has joined WUE. Thus, Washington resident students are now eligible to apply for special tuition rates (50% above resident tuition, but well below the non-resident rate) and scholarships under this program. Make your advisees aware of this information.

CURRICULUM TRANSITIONS: 2005-2008, See Appendices C and D, p. 9

SUMMER 09 LIKELY COURSE OFFERINGS

ME 410 Lean Manufacturing

ME 424 Mechanical Systems Design I

ME 421/521 Advanced Computer-Aided Design

I know it is fall 08, but as we advise students for Spring 09, we need to be aware of the summer school offerings. In the summer of 2009 we will again offer ME 410 Lean in the interim session between finals and regular summer school. We will also try to offer ME 424 in the regular summer session. Both of these are thanks to Steve B and Jay. We are also going to try to offer ME 421/521—Catia in the regular summer session. This is different than the combustion we have offered. As you advise, look for and mention to students who may line up for these classes. We will need around 20 students in each class to have them sustainable. The earlier we know, the better.

Thanks, Don Blacketter

Other electives/requirements that may be offered in summer:

Math courses

Math 330 Linear Algebra

Chem 111 Principles of Chemistry I

APPENDIX A

Mechanical Engineering Technical Electives Spring 2009 (Tentative)

ME 404	Technology Ventures	3	Elger
ME 404	Computational Synthesis	3	McCormack
ME 413/513V	Engineering Acoustics	3	Anderson
ME 417/517	Turbomachinery	3	Gunnerson
ME 420/520V	Fluid Dynamics	3	Budwig
ME 421/521	Advanced Computer-Aided Design	3	Beyerlein
ME 444V	Air Conditioning engineering	3	Steciak
ME 461V	Fatigue and Fracture Mechanics	3	Potirniche
ME 534V	Mechanics of Composite Materials	3	Blackketter

- With prior departmental approval, a 500-level course may be used as a technical elective.
- If the student's curriculum requires ME 323, which is no longer taught, up to 3 credits of Math/Stat may be substituted for that course.
- Students who entered Fall 2005 and whose curriculum requires 12 credits of TE may use up to 3 credits of Math/Stat as a TE.

Technical Elective Changes, December 6, 2005

By a vote of the ME faculty, the following change for the 2006-2007 catalog is approved for students **on the 2006 or newer catalog only**.

Required Technical Electives—12 credits

Six (6) credits must be from this list:

Mechanical Engineering (ME) 404, 409, 410, 411, 412, 413/513, 414/514, 415, 417/517, 418/518, 420/520, 422, 433, 443/543, 444, 451/551, 461, 472, 473, 477/577, 481, 525, 526, 527, 529, 534, 535, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 557, 572, 573, 575, 578, 580, 581, 582, 583, 585.

Six (6) credits must be from this list:

Mechanical Engineering (ME) 307*, 308*, 407*, 408*, 401(s), 409, 410, 411, 412, 413/513, 414/514, 415, 417/517, 418/518, 420/520, 422, 433, 443/543, 444, 451/551, 461, 472, 473, 477/577, 481, 499, 525, 526, 527, 529, 534, 535, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 557, 572, 573, 575, 578, 580, 581, 582, 583, 585

Engineering (ENGR) 360

Math (MATH) 330, 371, 420, 432, 433, 437, 451, 452, 453, 471, 472, 480

Statistics (STAT) 301, 401, 446

Physics (PHYS) 305, 351, 352, 371, 411, 412, 425/525, 428/528, 431, 443/543, 444/544, 463, 465/565, 484/584

Business (BUS) 414, 456, 531

Any approved 400-500 level course in another engineering discipline.

*No more than three (3) total credits from these courses can be counted toward this requirement.

Rationale

Under previous scenarios it would be possible for an ME student to take only one (1) traditional (lecture-based) mechanical engineering technical elective. This sequence requires that a minimum of two (2) electives be traditional (lecture-based) technical electives. The open TE also has been broadened to include approved upper-division Physics courses and selected Business courses.

APPENDIX B

TECHNICAL ELECTIVE CHANGES, December 6, 2005

By a vote of the ME Faculty, the following change for the 2006-2007 catalog is approved:

Required Technical Electives—12 credits.

Six (6) credits must be from the following list:

Mechanical Engineering (ME) 404, 409, 410, 411, 412, 413/5 13, 414/5 14, 415, 417/5 17, 418/518,420/520, 422, 433,443/543, 444, 451/551, 461, 472,473, 477/577, 481, 525, 526,527, 529,534, 535, 539,540, 541, 542, 543,544, 545, 546, 547, 548, 549, 557, 572, 573,575, 578, 580, 581,582,583, 585.

Six (6) credits must be from the following list:

Mechanical Engineering (ME) 307*, 308*, 407*, 408*, 401(s)*, 409, 410, 411, 412, 413/513, 414/514, 415, 417/517, 418/518, 420/520, 422, 433, 443/543, 444, 451/551, 461, 472, 473, 477/577, 481, 499, 525, 526, 527, 529, 534, 535, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 557, 572, 573, 575, 578, 580, 581, 582, 583, 585

Engr (ENGR) 360

Math (MATH): 330, 371,420, 432, 433, 437, 451, 452, 453, 471, 472, 480

Physics (PHYS): 305, 351, 352, 371, 411, 412, 425/525, 428/528, 431, 443/543, 444/544, 463, 465/565, 484/584

Business (BUS) 414,456, 531

Any approved 400-500 level course in another engineering discipline.

*No more than three (3) total credits from these courses can be counted toward this requirement.

Rationale

Under previous scenarios, it was possible for an ME student to take only one traditional (lecture-based) mechanical engineering tech. elective. This sequence requires minimum of two electives be lecture-based ME technical electives. The open TE has been broadened to include approved upper division Physics courses and selected Business courses.

Approved by ME faculty, Fall 2005

Effective Spring 09 due to removal from the curriculum of ME 324 Dynamic Analysis in Machine Design:

Required Technical Electives—15 credits

Nine (9) credits must be from this list:

Mechanical Engineering (ME) 404, 410, 411, 412, 413/513, 414/514, 415, 417/517, 418/518, 420/520, 421/521, 422, 433, 443/543, 444, 451/551, 461, 481, 525, 526, 527, 529, 534, 539, 540, 541, 542, 543, 544, 546, 547, 548, 549, 578, 580, 581, 583, 585.

Six (6) credits must be from this list:

Mech. Engineering (ME) 307*, 308*, 407*, 408*, 401(s), 410, 411, 412, 413/513, 414/514, 415, 417/517, 418/518, 420/520, 421/521, 422, 433, 443/543, 444, 451/551, 461, 481, 499, 525, 526, 527, 529, 534, 535, 539, 540, 541, 542, 543, 544, 546, 547, 548, 549, 578, 580, 581, 583, 585

Engineering (ENGR) 360

Math (MATH) 330, 371, 420, 432, 433, 437, 451, 452, 453, 471, 472, 480

Statistics (STAT) 301, 401, 446

Physics (PHYS) 305, 351, 352, 371, 411, 425/525, 428/528, 443/543, 444/544, 463, 465/565, 484/584

Business (BUS) 414, 456, 531

Any approved 400-500 level course in another engineering discipline.

*No more than three (3) total credits from these courses can be counted toward this requirement.

APPENDIX C

Curriculum Transitions—March 18, 2005

ME 323, 324

Students who previously took ME 323 will lose no credits and will not be required to take the substitute course described below.

Students who have ME 323 in their curriculum will be expected to substitute a Math/Stat/M.E. technical elective to satisfy the credit requirement. Students will be required to take three M.E. technical electives (9 cr.), plus a fourth (3 cr.) that is either an M.E. technical elective or an approved upper level math or statistics course. Presently, approved courses are:

1. Math 330 (3 cr) Linear Algebra
2. Math 420 (3 cr) Complex Variables
3. Math 432 (3 cr) Numerical Linear Algebra (Fall, alternate years)
4. Math 433 (3 cr) Numerical Analysis (Spring)
5. Math 480 (3 cr) Partial Differential Equations
6. Statistics 301 (3 cr) Probability and Statistics
7. Statistics 401 (3 cr) Statistical Analysis
8. Statistics 404 (3 cr) ST: Six Sigma Innovation

Lists of Technical Electives are found in this advisors' handbook.

APPENDIX D

Curriculum Transitions—March 2007

Effective Fall 2007, ME 225 Introduction to Machine Design, has been dropped from the curriculum and replaced with Math 330. Students whose curriculum requires ME 225 will replace it with Math 330.

ME 225 is no longer a pre-requisite for ME 301.

Students who have already taken ME 225 will proceed with their required curriculum, but should take Math 330 as one of their technical electives.

Students who have not taken ME 225 will replace it with Math 330.

Math 330 is now a co-requisite of ME 313 and 324.

ME 324 has been added as pre-requisite for ME 424.

ME 324 has been dropped as pre-requisite for ME 426.

Math 330 is now a co-requisite of ME 435.

Fall 2008

Effective with the 2009-2010 catalog, ME 324 will be dropped from the curriculum. ME 324 will not be taught Spring 2009. Students whose curriculum requires the course will fulfill the requirement with an additional ME technical elective chosen from the Spring 2009 technical elective list. Said students will need 9 credits of ME technical elective, and 6 credits of ME or other technical electives for a total of 15 credits.

APPENDIX E

General Core Studies

To fulfill the UI General Core Studies (GCS), ME students must accumulate 18 credits from the following categories:

1. Core Discovery (7 credits)
2. Cluster Courses (8-9 credits)
3. International Course (2-4 credits)
4. Capstone Course (3 credits)

1. Core Discovery (7 credits)

- a. CORE 101-119 taken during 1st semester freshman year (4 credits of SS or H)
- b. CORE 151-169 taken during 2nd semester freshman year (3 credits of SS or H)

2. Cluster Courses (8-9 credits)

Cluster Conditions:

- a. At least 8 credits from 3 courses
- b. At least 7 credits must be in H/SS (you must have 14 cr. total of H/SS)
- c. No more than one course at the 100 level
- d. At least one upper division course (300+)

You must take:

Econ 201 (3 credits of SS), *or*
Econ 202 (3 credits of SS), *or*
Econ 272 (3 credits of SS)

and

Phil 103 (3 credits of H), *or*
Phil 252 (3 credits of H)

and

at least one additional upper division course from your cluster.

Note: If your Econ and Phil credits total less than 7 credits, your upper division course must be designated as SS or H.

3. International Course (2-3 credits)

There are several ways to meet this requirement. We recommend the following:

- #1 Take a Core Discovery with an International component, or
- #2 Take a Cluster that has an upper division course with a SS/H and International designation.

4. Capstone Course (3 credits)

This is automatically met by taking our required ME 424 class.

NOTE: The easiest way to determine requirements and completion of Core/Clusters is to log in to the student's degree audit. If you have questions, or it seems irregular, please check with Becky or Elaine.

APPENDIX F



University of Idaho

Department of Mechanical Engineering

TRANSFER CREDIT POLICY

University of Idaho General Regulation J-2-a states:

After a student has completed 88 credits (120 credits in the case of a student working toward the degree of Bachelor of Architecture), he or she must complete a minimum of 32 credits in UI courses. No credit awarded for correspondence study, by-passed courses, credit by examination, College Level Examination Program (CLEP), external study/experience, or technical competence can be counted among these 32 UI credits. Exceptions to this requirement are stated below [the exceptions are for baccalaureate degrees offered at UI centers away from the Moscow campus]; exceptions are also made for study abroad and student exchange programs with prior approval of the student's academic dean.

UI Department of Mechanical Engineering Policy concerning Transfer Students

All transfer students seeking a Bachelor of Science Degree in Mechanical Engineering from the University of Idaho must complete a minimum of 32 credits in UI mechanical engineering, or other engineering-related courses as approved by the department faculty. Among these 32 credits, the following courses must be completed at the UI:

Course	Title	Credit	Prerequisites
<i>Design Courses</i>			
ME 424	Mechanical Systems Design I	3	CT, ME 301, ME 313, ME 325, ME 330, ME 345
ME 426	Mechanical Systems Design II	3	ME 424
ME 435	Thermal Energy Systems Design	3	Engr 335, CT, ME 345
<i>Laboratory Courses</i>			
ME 330	Experimental Methods for Engineers	3	ME 223
ME 430	Senior Laboratory	3	CT, ME 313, ME 330

In order to enroll in the courses listed above, the prerequisites must be satisfied either at the UI or another institution.

Transfer student transcripts will be reviewed on an individual basis to determine competencies and course equivalencies from other institutions. The student may be required to submit a course syllabus and/or samples of work done so an assessment of competencies and course equivalence can be made by the department faculty. Transfer students who are to be awarded curriculum credits for courses completed at other institutions must be competent in each area in question.

Approved by ME faculty
Spring 2002