## Curriculum Proposal

**BUAD 15-16 #19**

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**Course modifications**

| 1.3 BUAD 2231 Business Statistics I (3 credits); prerequisite change |
| 1.5 BUAD 3281 Decision Support Systems (3 credits); prerequisite change |

| 1.7 Signatures |
BSU Curriculum Forms

Form 1

Curriculum Modification Summary

College: College of Professional Studies
Department: Business Administration
Proposer: Douglas Leif
Proposer’s position: Professor
Describe the modification(s) you propose, and how it (they) will work to students’ advantage. (This description and explanation will be included in Curriculum Report packets forwarded to the Faculty Senate.):

Students are required to complete Math 1170 and BUAD Business Statistics I in the BUAD curriculum. Students need to complete them in proper order for optimal learning.

The Business Administration faculty proposes to add MATH 1170 as a prerequisite for BUAD 2231 Business Statistics I (enforced by the computer system) and BUAD 3281 Decision Support Systems (enforced by the computer system).

Business Administration Major, B.S. catalog

current
BUAD 2231 Business Statistics I (3 credits)
Collection, presentation, analysis, and interpretation of business and economic data.

proposal
BUAD 2231 Business Statistics I (3 credits)
Collection, presentation, analysis, and interpretation of business and economic data.
Prerequisites: MATH 1170 (or equivalent or higher)

current
BUAD 3281 Decision Support Systems (3 credits)
Design and development of decision support systems with emphasis on management science techniques using a linear programming tool implemented in Excel. Design, documentation, and auditing standards are defined and applied to models and spreadsheet database applications. Prerequisites: ACCT 1102 and BUAD 2280.

proposal
BUAD 3281 Decision Support Systems (3 credits)
Design and development of decision support systems with emphasis on management science techniques using a linear programming tool implemented in Excel. Design, documentation, and auditing standards are defined and applied to models and spreadsheet database applications. Prerequisites: ACCT 1102, BUAD 2280 and MATH 1170 (or equivalent or higher).
Modifications proposed (specify number of each):
___ Course Modification(s) (form 2)
___ New Course(s) (form 3)
___ Course Drop(s) (form 4)
___ Program Modification(s) (form 5)
___ New Program(s) (form 6)
___ Program Drop(s) (form 7)
The modifications affect (check):
___ Liberal Education
___ Undergraduate Curriculum
___ Graduate Curriculum
___ Teacher Licensure Program(s)
BSU Curriculum Forms

Form 2
Updated 9.19.15

Course Modification Form

Current Course Number(s):
  Undergraduate: BUAD 2231
  Graduate:
Proposed Course Number(s), if different:
  Undergraduate:
  Graduate:

Current Course Title: Business Statistics 1
Proposed Course Title, if different:

Current Course Description: Collection, presentation, analysis, and interpretation of business and economic data.
Proposed Course Description, if different:

Current Credits: 3
Proposed Credits, if different:

Current Prerequisite(s):
  Undergraduate: none
  Graduate:
Proposed Prerequisite(s), if different:
  Undergraduate: MATH 1170 (or equivalent or higher)
  Graduate:

1) Reason(s) for change(s): Students are required to complete Math 1170 and BUAD Business Statistics I in the BUAD curriculum. Students need to complete them in proper order for optimal learning.

   The Business Administration faculty proposes to add MATH 1170 College Algebra as a prerequisite for BUAD 2231 Business Statistics I (enforced by the computer system).

2) May this modified course replace the current course for students remaining in the old curriculum? Yes _____ No _____ If not, please drop the current course and submit a new course form for the modification.

3) Do these modifications change any of the following? For all Yes answers, please provide updated information on the next page.
   
   Student Learning Outcomes          Yes _____ No __X__
   Major Content Areas                Yes _____ No __X__
Projected Maximum Class Size (Cap) Yes _____ No __X__

4) Current Course fee(s) per student: $

for:

Proposed Course fee(s) per student, if different: $

for:

5) Service Areas:

This course is a requirement or an elective in the programs/areas listed below. To locate where this course appears please search the online catalog, as follows:
   a) go to http://www.bemidjistate.edu/academics/catalog/ and choose the most recent catalog(s),
   b) click on “Areas of Study, and Course Descriptions,”
   c) click on “PDF of Entire Catalog” in upper right,
   d) press Ctrl F, and enter the prefix and number of the course(s) from this form.

   Non-licensure programs: BUAD, ACCT, CIS, SPMG, TADD, GEOG, ECON, BIOL, Wildlife Management Outdoor Rec
   Teacher Licensure programs:

   Liberal Education:

The above “service area” programs/departments were notified of this modification on 10-26-2015 (date) by Douglas Leif (email).

Please check one of the items below:

___6___ No comments were received from other programs or departments within one week of the notification.

___3___ Comments were received within one week of the notification, and are attached.
BSU Curriculum Forms

Form 2
Updated 9.19.15

Course Modification Form

Current Course Number(s):
   Undergraduate: BUAD 3281
   Graduate:
Proposed Course Number(s), if different:
   Undergraduate:
   Graduate:

Current Course Title: Decision Support Systems
Proposed Course Title, if different:

Current Course Description:  Design and development of decision support systems with emphasis on management science techniques using a linear programming tool implemented in Excel. Design, documentation, and auditing standards are defined and applied to models and spreadsheet database applications.
Proposed Course Description, if different:

Current Credits: 3
Proposed Credits, if different:

Current Prerequisite(s):
   Undergraduate: ACCT 1102 and BUAD 2280
   Graduate:
Proposed Prerequisite(s), if different:
   Undergraduate: ACCT 1102, BUAD 2280 and MATH 1170 (or equivalent or higher)
   Graduate:

Students are required to complete BUAD Business Statistics I in the BUAD curriculum. Students need to complete them in proper order for optimal learning.

The Business Administration faculty proposes to add MATH 1170 College Algebra as a prerequisite (enforced by the computer system) for BUAD 3281 Decision Support Systems.

2) May this modified course replace the current course for students remaining in the old curriculum? Yes _____ No _____ If not, please drop the current course and submit a new course form for the modification.

3) Do these modifications change any of the following? For all Yes answers, please provide updated information on the next page.
4) Current Course fee(s) per student: $
for:
Proposed Course fee(s) per student, if different: $
for:

5) Service Areas:
This course is a requirement or an elective in the programs/areas listed below. To locate
where this course appears please search the online catalog, as follows:
   a) go to http://www.bemidjistate.edu/academics/catalog/ and choose the most recent
catalog(s),
   b) click on “Areas of Study, and Course Descriptions,”
   c) click on “PDF of Entire Catalog” in upper right,
   d) press Ctrl F, and enter the prefix and number of the course(s) from this form.

   Non-licensure programs: BUAD, ACCT, CIS, SPMG, TADD, GEOG,
   ECON, BIOL, Wildlife Management Outdoor Recreation

   Teacher Licensure programs:

   Liberal Education:

The above “service area” programs/departments were notified of this modification
on 10-26-2015 (date) by Douglas Leif (email).

Please check one of the items below:

   ___6___ No comments were received from other programs or departments within one
week of the notification.

   ___3___ Comments were received within one week of the notification, and are attached.
BSU Curriculum Forms

Form 8
Updated: 09.18.15

Signatures

Douglas Leif / Professor / 11-4-2015
Proposer / Title / Date

Roderick Henry / Chair, BUAD / 11-04-15
Chair or Director / Department or Program / Date
Note: "All departmental recommendations [on curriculum] must be reviewed and
approved by the department's faculty."--IFO/MnSCU Master Agreement

At this point, packet goes to Records Office/Curriculum Coordinator to be logged in
to the Curriculum Proposal Progress Grid.

Dr. Shawn Strong / CBTC / 11-18-15
Dean / College / Date

Note: If proposal is sent back to the Proposer, please notify the Curriculum
Coordinator. If approved, packet goes to Academic Affairs Office.
We require it as a pre-req for Intermediate I and are going to institute it as a pre-req for ACCT 2102 – so your plan sounds good!

---

From: Douglas Leif  
Sent: Monday, October 26, 2015 3:49 PM  
To: Sandra Kranz <Skranz@bemidjistate.edu>; Marty Wolf <MWolf@bemidjistate.edu>; Paul Klvi <PKlvi@bemidjistate.edu>; Michael Murray <MMurray@bemidjistate.edu>; Bonnie Higgins <BHiggins@bemidjistate.edu>; Mahmoud ALQadeh <MAALQadeh@bemidjistate.edu>; Jeffrey Ueland <JUeland@bemidjistate.edu>; Elizabeth Rave <ERave@bemidjistate.edu>  
Cc: Roderick Henry <RHenry@bemidjistate.edu>  
Subject: FW: move curriculum mods

Colleagues

The Faculty of Business Administration are proposing to re-instate Math 1170 College Algebra as a pre-requisite for BuAd 2381 Business Statistics I and adding BuAd 2381 as a pre-requisite to BuAd 3281 Decision Support Systems.

Since BuAd 2381 Business Statistics I and/or BuAd 3281 Decision Support Systems is/are your curriculum, I am asking for your feedback on our proposal.

Rationale: **Students are required to complete Math 1170 and BuAd Business Statistics I in the BuAd curriculum. Students need to complete them in proper order for optimal learning.**

The Business Administration faculty proposes to add MATH 1170 as a prerequisite for BuAd 2231 Business Statistics I (enforced by the computer system) and BuAd Business Statistics I as a prerequisite (enforced by the computer system) for BuAd 3281 Decision Support Systems.

Thank You!

d!

Douglas Leif, Professor  
1500 Birchmont Drive Northeast #30, Office 218-755-2754; Department 218-755-2907

Thanks for the heads up. No objections here.

best - jeff ueland

Jeffrey S. Ueland, Ph.D.
Associate Professor and Chair
Department of Geography
Bemidji State University
(218) 755-2805

From: Douglas Leif
Sent: Monday, October 26, 2015 4:35 PM
To: Sandra Kranz; Marty Wolf; Paul Kivi; Michael Murray; Bonnie Higgins; Mahmoud AlOdeh; Jeffrey Ueland; Elizabeth Rave; Derek Webb
Cc: Roderick Henry
Subject: RE: move curriculum mods

Colleagues

Please disregard the prior curriculum proposal.....attached is a corrected version for your feedback.

Thanks again!

dl

The Faculty of Business Administration are proposing to re-instate Math 1170 College Algebra as a pre-requisite for BuAd 2381 Business Statistics-I and adding MATH 1170 College Algebra as a pre-requisite to BuAd 3281 Decision Support Systems.

Since BuAd 2381 Business Statistics I and/or BuAd 3281 Decision Support Systems is/are your curriculum, I am asking for your feedback on our proposal.
Doug,

All looks good.

Regards,

MJ

On Mon, 26 Oct 2015, Douglas Leif wrote:

> Colleagues
> 
> Please disregard the prior curriculum proposal....attached is a corrected version for your feedback.
> 
> Thanks again!
> 
> dl
> [cid:image005.png@01D1100C.41E0DF30]
> BSU Magazine<http://www.bemidjistate.edu/publications/magazine/>, Today's BSU Photo
> Gallery<http://www.bemidjistate.edu/offices/communications_marketing/photography/athletics/>, Business
> Administration<http://www.bemidjistate.edu/academics/departments/business_administration/>, Bemidji State
> University<http://www.bemidjistate.edu/>
> [cid:43009964-2E60-4A8E-90E7-A32BEFD22D70]
> 
> The Faculty of Business Administration are proposing to re-instate Math 1170 College Algebra as a pre-requisite for
> BuAd 2381 Business Statistics-I and adding MATH 1170 College Algebra as a pre-requisite to BuAd 3281 Decision Support
> Systems.
> 
> Since BuAd 2381 Business Statistics I and/or BuAd 3281 Decision Support Systems is/are your curriculum, I am asking
> for your feedback on our proposal.
> 
> Rational --> Students are required to complete Math 1170 and BuAd Business Statistics I in the BuAd curriculum.
> Students need to complete them in proper order for optimal learning.
> 
> The Business Administration faculty proposes to add MATH 1170 as a prerequisite for BuAd 2231 Business Statistics I
> (enforced by the computer system) and (enforced by the computer system) for BuAd 3281 Decision Support Systems.
> 
> Thank You!
> 
> dl
> [cid:image004.png@01D1100C.41D67240]