



“Racing Full Speed Ahead”  
Users Conference 2009

# **UW-Madison Web-X**

**A Dynamic, Paperless, Exception Process**

Presented by:  
**Mike Pflieger**  
**Ozzyie Chen**

Session R4.02  
Thursday June 25, 2009

The image shows the crest of the University of Wisconsin, featuring a red shield with a white 'W' and a crest above it with three open books. The crest is set against a red background.

# Agenda

1. Facts
2. Challenges
3. Tour
4. Technology
5. Future

# 1. Facts





# Facts

Structure

Volume

Change

Scarcity

Current Process



# Structure

Distributed advising (faculty)  
Exceptions central in College  
Encoding central in College  
R.O. graduates

The image shows the crest of the University of Wisconsin, featuring a red shield with a white 'W' and a crest above it with two crossed arms holding a book. The crest is set against a red background.

# Volume

32,000 undergrads

17,000 L&S

150 academic programs

243 exception forms

4,000 exceptions/year

The image shows the crest of the University of Wisconsin, featuring a red shield with a white 'W' and a crest above it with three open books. The crest is set against a red background.

# Change

2-year cycle

New degree, 2007

Majors revising

Certificates expanding

The image shows a close-up of the University of Wisconsin crest, which is a shield with a red background and a large white 'W' in the center. Above the shield is a crest featuring a book and a torch. The shield is surrounded by a decorative border.

# Scarcity

Budget

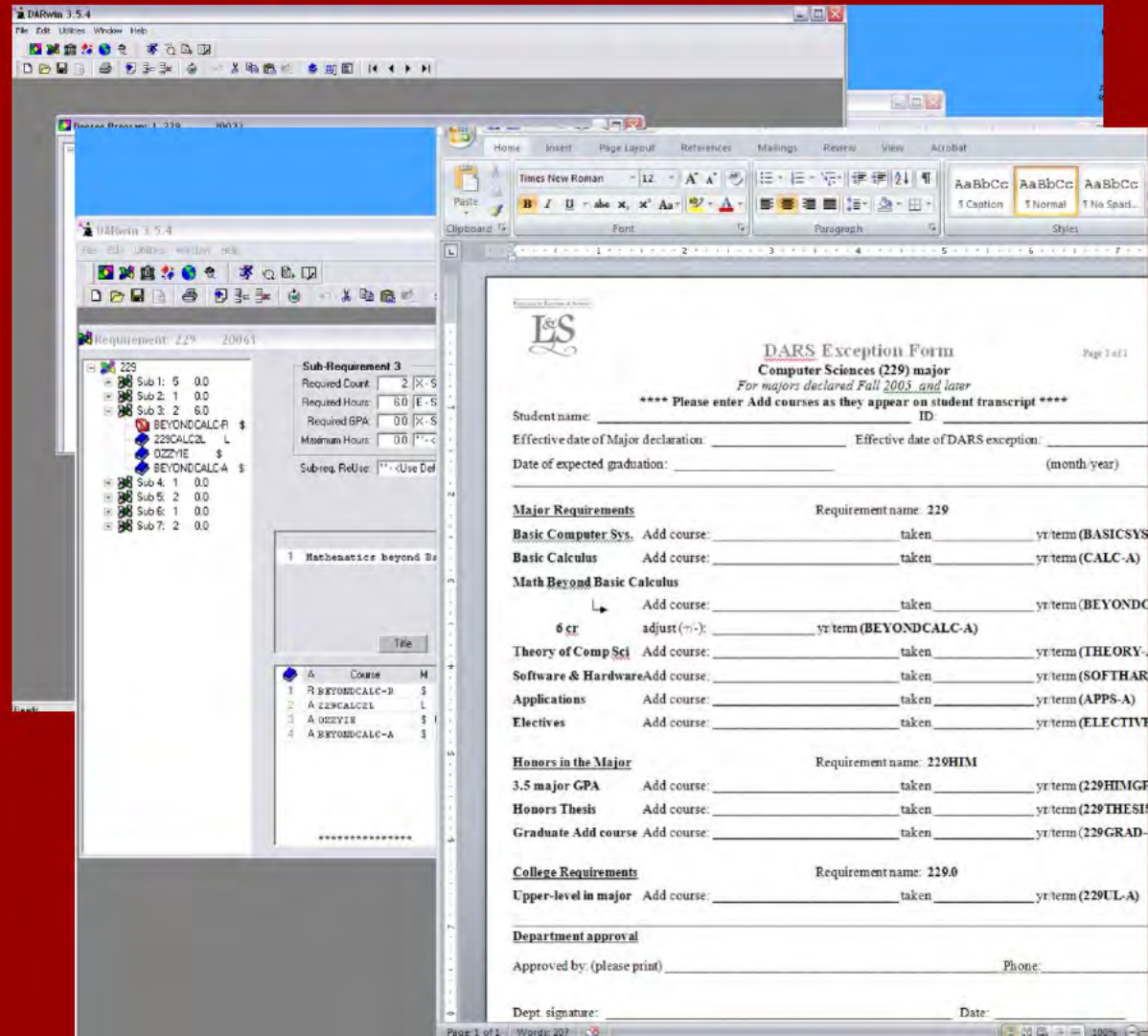
Staffing

Turnover in advising

# Current Process

The screenshot displays the DARS 3.5.4 software interface. The main window is titled "Degree Program: L 229" and shows a list of requirements on the left and a detailed view of the "229" requirement in the center. The requirement details include fields for Title, Web Title, Program Status, College, and Contents. Below these fields is a table of requirements with columns for Requirement Name, Gp, Gp, D, P, Sub, Coss, AR, Sort, Report, Extend, Calc, and Calc. The table lists requirements 1 through 5, including 229OMIT, MADEC229, 229, 229HM, and 229B. To the right of the requirement details is a "Task" window showing a list of tasks with columns for A, Course, Title, Cln, Cfg, A, R, Effective, and Date. The tasks listed include 1. R COMP SCI630, 2. R COMP SCI630, 3. R COMP SCI630, 4. R COMP SCI630, 5. R COMP SCI630, 6. R ELECTIVES-A, and 7. A COMP SCI460. On the far right, a web browser window shows a page with a list of courses, including "Intro-Theatre & Dramatic Lit", "Origins-Scientific Thought", "Elementary Logic", "Introduction to Philosophy", "Reason in Communication", "Theory of Knowledge", "Contemporary Moral Issues", "Animal Biology", "Nature of Food", "General Chemistry", "Weather and Climate", and "Digital System Fundamentals".

# Current Process



**DARS Exception Form**  
**Computer Sciences (229) major**  
*For majors declared Fall 2003 and later*

Page 1 of 1

Student name: \_\_\_\_\_ ID: \_\_\_\_\_

Effective date of Major declaration: \_\_\_\_\_ Effective date of DARS exception: \_\_\_\_\_

Date of expected graduation: \_\_\_\_\_ (month/year)

**Major Requirements**

Requirement name: 229

Basic Computer Sys. Add course: \_\_\_\_\_ taken \_\_\_\_\_ yr/term (BASICSYS)

Basic Calculus Add course: \_\_\_\_\_ taken \_\_\_\_\_ yr/term (CALC-A)

Math Beyond Basic Calculus

6 cr Add course: \_\_\_\_\_ taken \_\_\_\_\_ yr/term (BEYONDC)

adjust (-/+): \_\_\_\_\_ yr/term (BEYONDCALC-A)

Theory of Comp Sci Add course: \_\_\_\_\_ taken \_\_\_\_\_ yr/term (THEORY-)

Software & Hardware Add course: \_\_\_\_\_ taken \_\_\_\_\_ yr/term (SOFTHAR)

Applications Add course: \_\_\_\_\_ taken \_\_\_\_\_ yr/term (APPS-A)

Electives Add course: \_\_\_\_\_ taken \_\_\_\_\_ yr/term (ELECTIVE)

**Honors in the Major**

Requirement name: 229HIM

3.5 major GPA Add course: \_\_\_\_\_ taken \_\_\_\_\_ yr/term (229HIMGP)

Honors Thesis Add course: \_\_\_\_\_ taken \_\_\_\_\_ yr/term (229THESI)

Graduate Add course Add course: \_\_\_\_\_ taken \_\_\_\_\_ yr/term (229GRAD-)

**College Requirements**

Requirement name: 229.0

Upper-level in major Add course: \_\_\_\_\_ taken \_\_\_\_\_ yr/term (229UL-A)

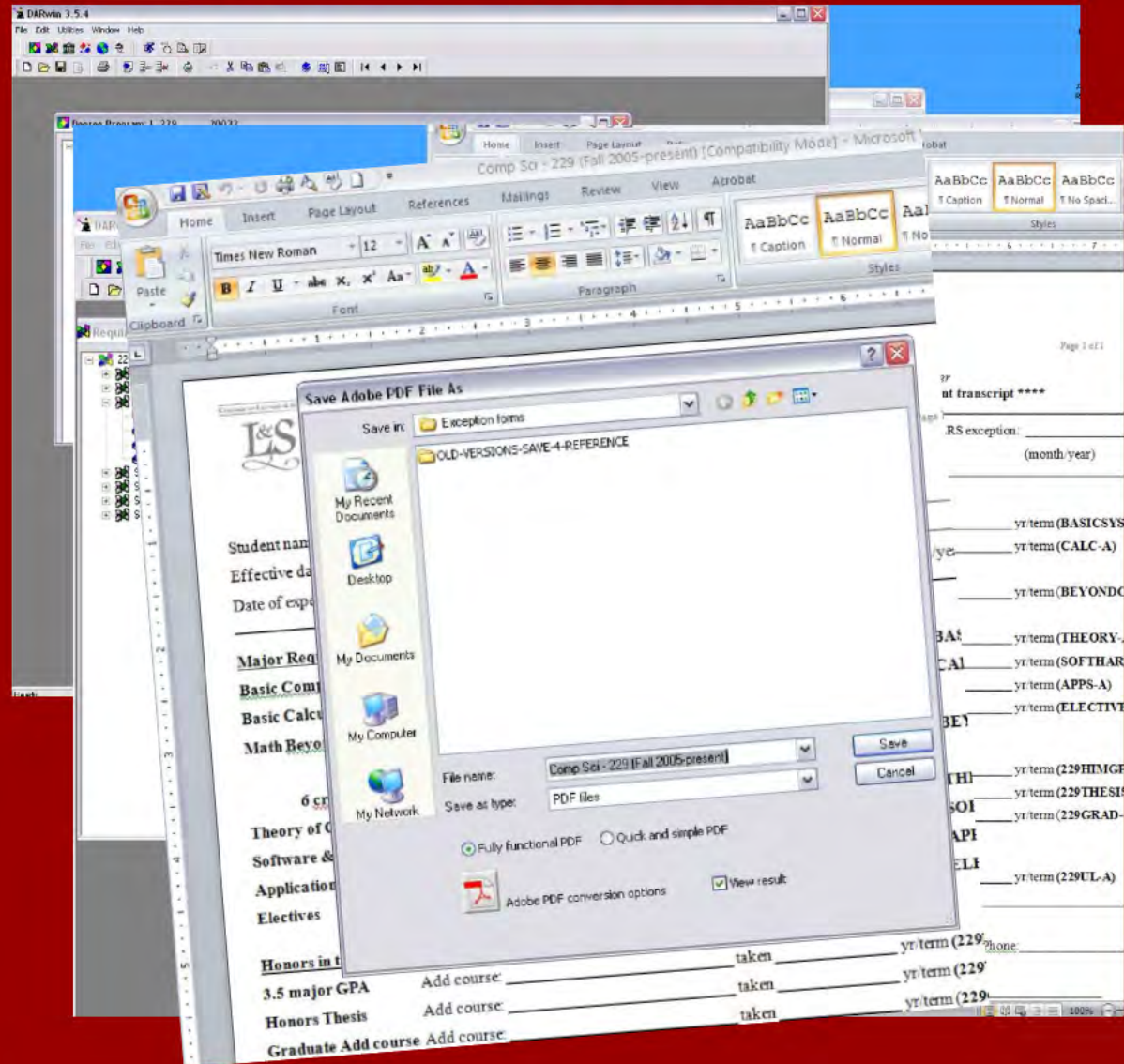
**Department approval**

Approved by: (please print) \_\_\_\_\_ Phone: \_\_\_\_\_

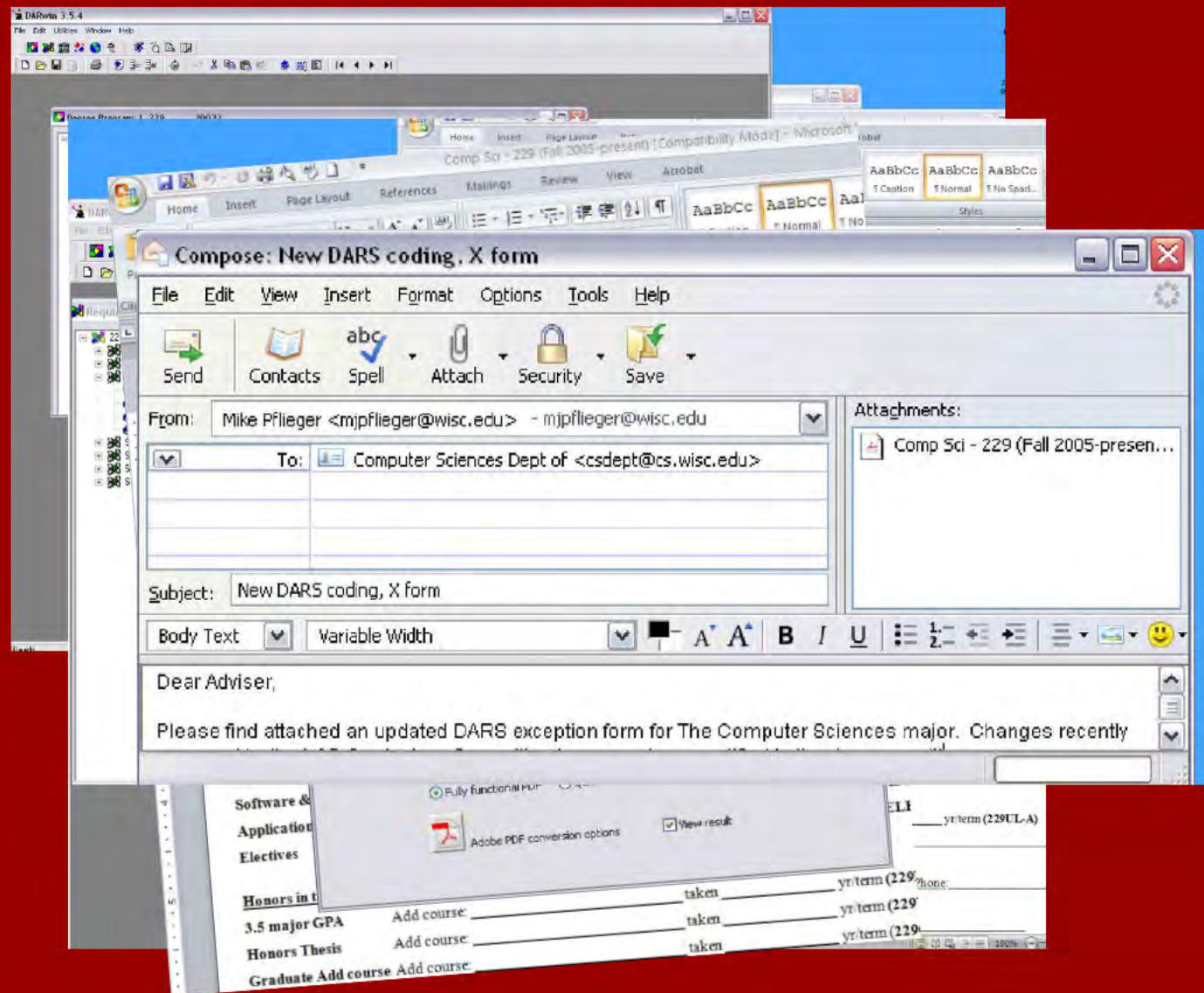
Dept signature: \_\_\_\_\_ Date: \_\_\_\_\_

Page: 1 of 1 Words: 207

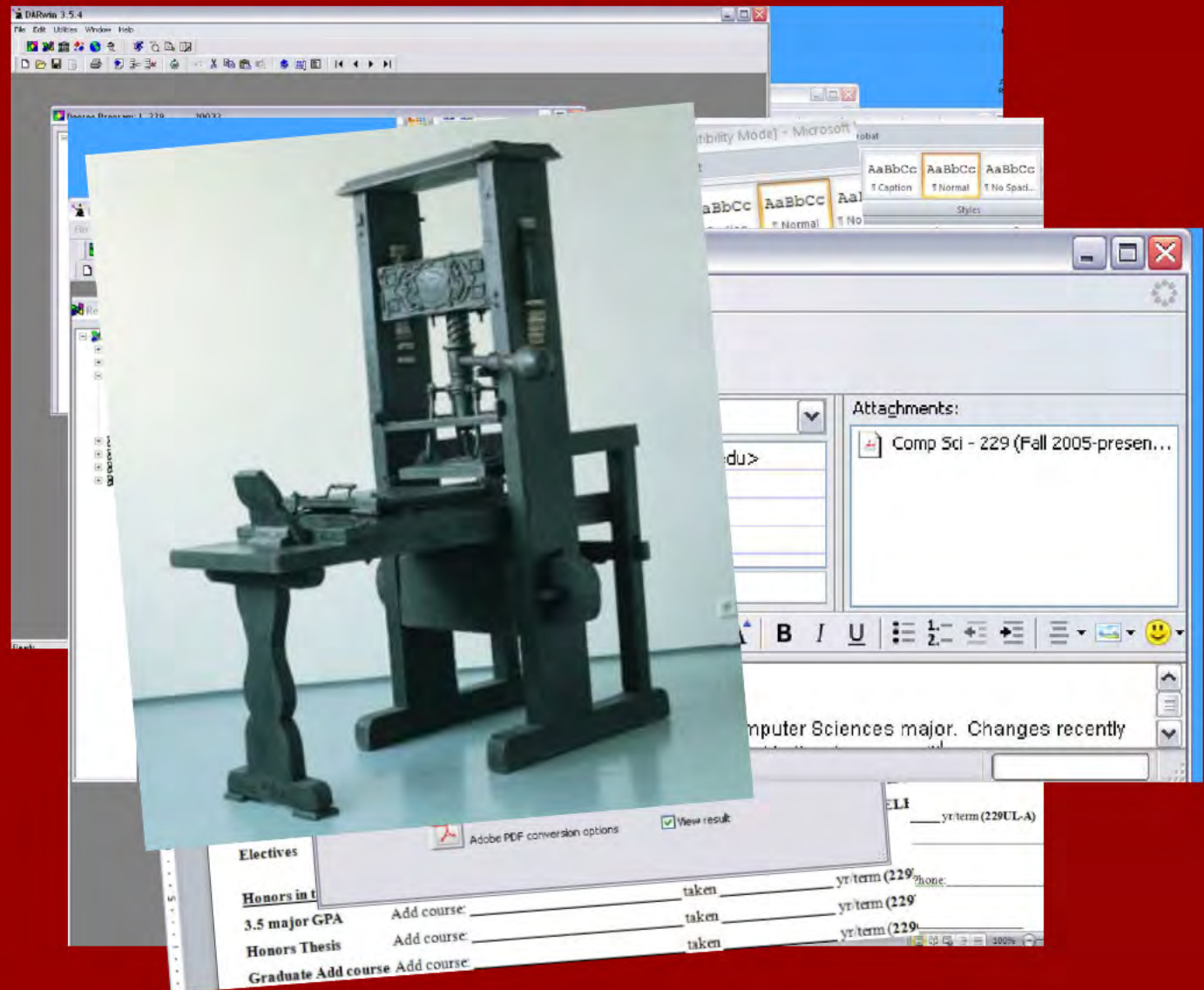
# Current Process



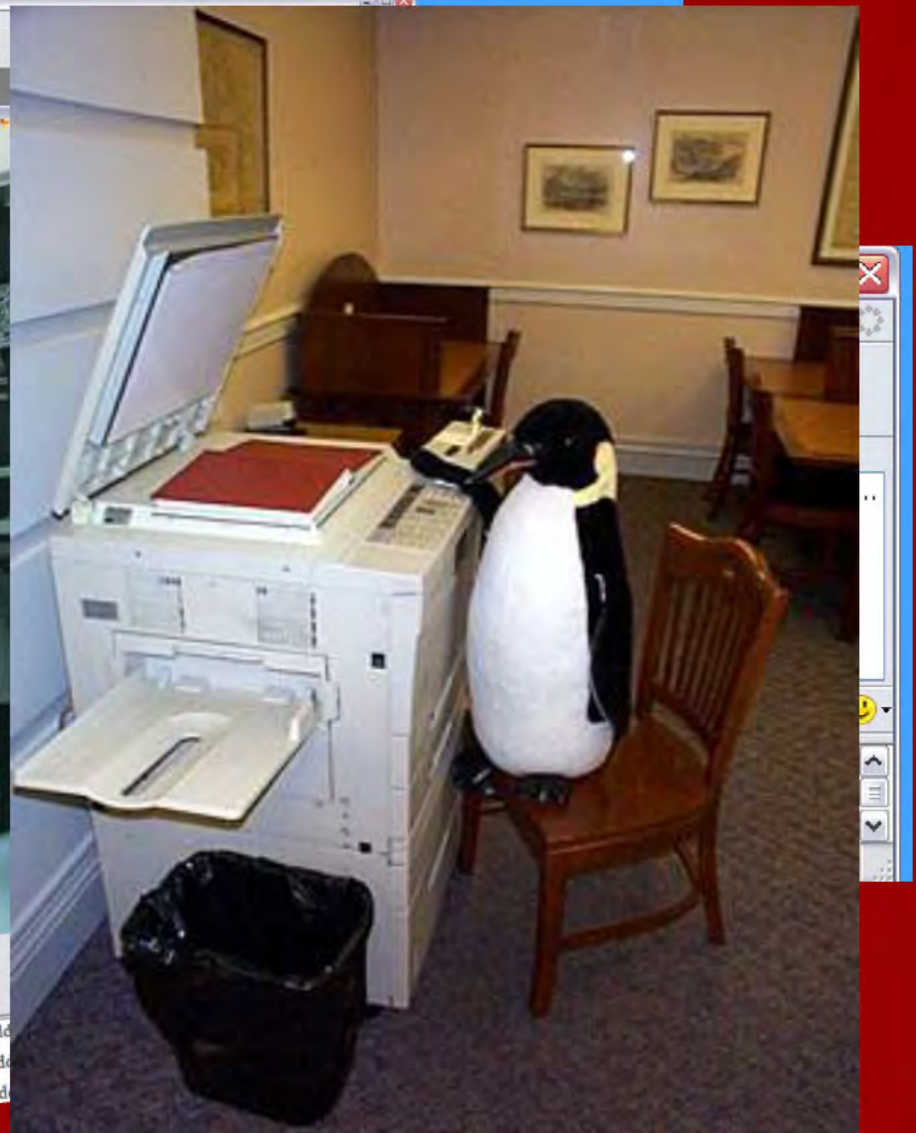
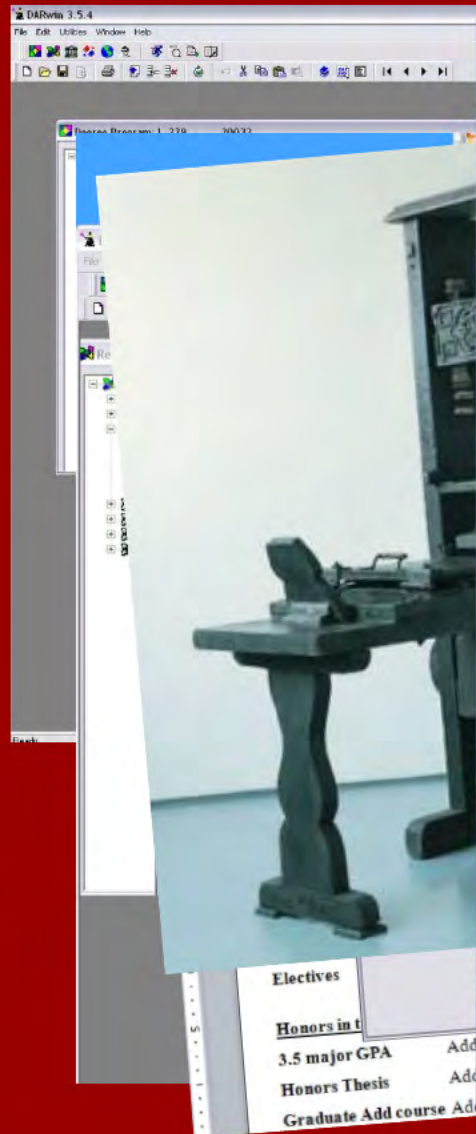
# Current Process



# Current Process



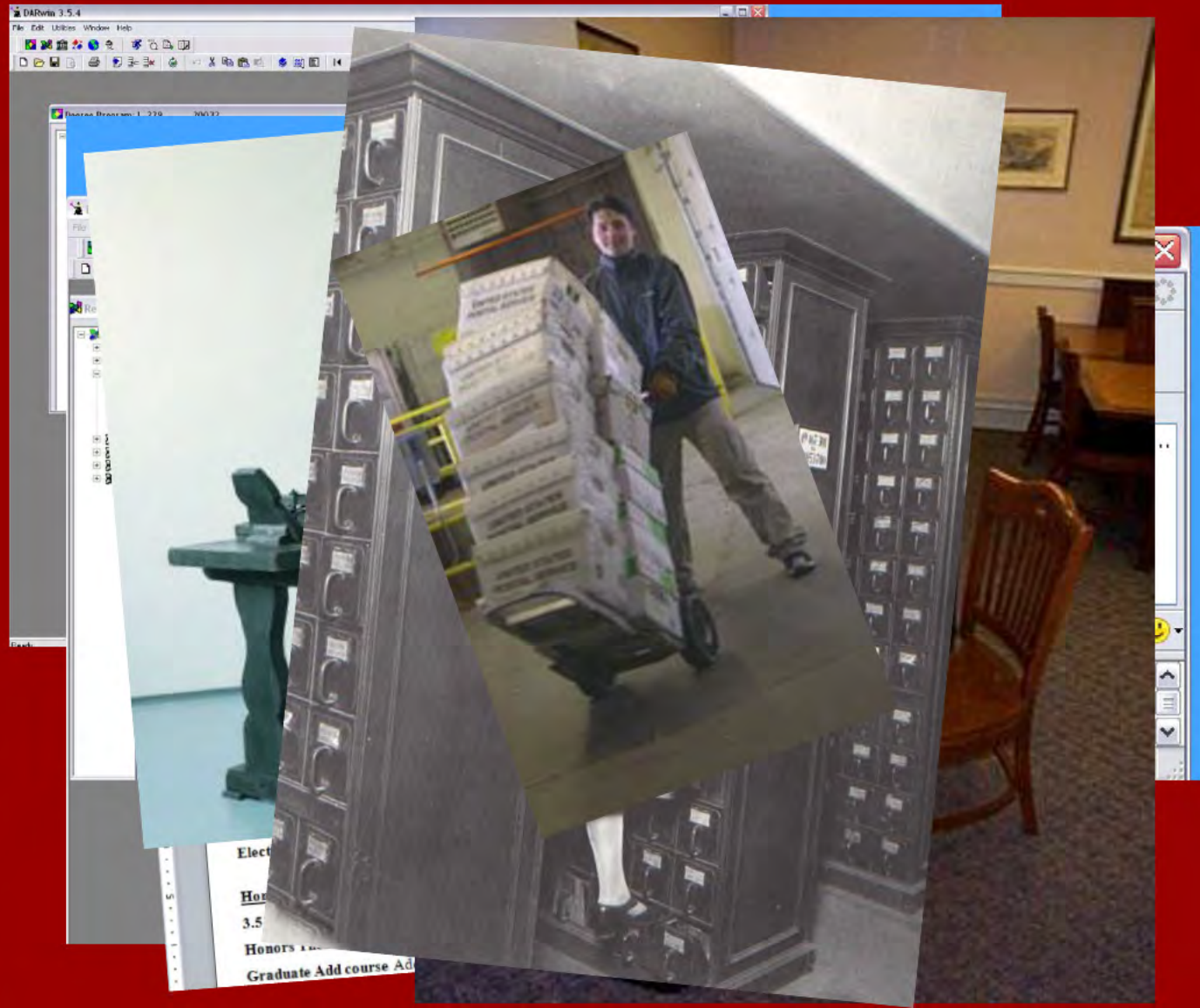
# Current Process



# Current Process



# Current Process



## 2. Challenges





# Forms

Static

Distribution

Accessibility

Authenticity

# Typical form

## DARS EXCEPTION FORM

Computer Sciences (229) major

*For majors declared Fall 2005 and later*

\*\*\*\* Please enter Add courses as they appear on student transcript \*\*\*\*

Student name: \_\_\_\_\_

ID: \_\_\_\_\_ Effective date of Major declaration: \_\_\_\_\_

Effective date of DARS exception: \_\_\_\_\_ Date of expected graduation: \_\_\_\_\_

### Major Requirements (RNAME = 229)

Basic Computer Sys Add course: \_\_\_\_\_ taken \_\_\_\_\_ (BASICSYS-A)

Basic Calculus Add course: \_\_\_\_\_ taken \_\_\_\_\_ (CALC-A)

Math Beyond Calc Add course: \_\_\_\_\_ taken \_\_\_\_\_ (BEYONDCALC-A)

↳ 6 cr

adjust (+/-): \_\_\_\_\_ (BEYONDCALC-A)

Theory Add course: \_\_\_\_\_ taken \_\_\_\_\_ (THEORY-A)

Software Hardware Add course: \_\_\_\_\_ taken \_\_\_\_\_ (SOFTHARD-A)

Applications Add course: \_\_\_\_\_ taken \_\_\_\_\_ (APPS-A)

Electives Add course: \_\_\_\_\_ taken \_\_\_\_\_ (ELECTIVES-A)



# Competencies

Awareness

Training

Turnover

Workload

# Typical Problem

## DARS EXCEPTION FORM

Computer Sciences (229) major

*For majors declared Fall 2005 and later*

\*\*\*\* Please enter Add courses as they appear on student transcript \*\*\*\*

Student name: \_\_\_\_\_

ID: \_\_\_\_\_ Effective date of Major declaration: \_\_\_\_\_

Effective date of DARS exception: \_\_\_\_\_ Date of expected graduation: \_\_\_\_\_

### Major Requirements (RNAME = 229)

Basic Computer Sys Add course: COMP SCI X11 taken Fall 2007 (BASICSYS-A)

Basic Calculus Add course: \_\_\_\_\_ taken \_\_\_\_\_ (CALC-A)

Math Beyond Calc Add course: \_\_\_\_\_ taken \_\_\_\_\_ (BEYONDCALC-A)

↳ 6 cr

adjust (+/-): \_\_\_\_\_ (BEYONDCALC-A)

Theory Add course: \_\_\_\_\_ taken \_\_\_\_\_ (THEORY-A)

Software Hardware Add course: \_\_\_\_\_ taken \_\_\_\_\_ (SOFTHARD-A)

Applications Add course: \_\_\_\_\_ taken \_\_\_\_\_ (APPS-A)

Electives Add course: \_\_\_\_\_ taken \_\_\_\_\_ (ELECTIVES-A)

# Typical Problem

## College Requirements (RNAME = 229.0)

Upper-level in major    Add course: \_\_\_\_\_ taken \_\_\_\_\_ (229UL-A)

2.0 GPA in major    Add course: COMP SCIX11 taken Fall 2007 (229UL-A)

## Department approval

Approved by: (please print) \_\_\_\_\_

Phone: \_\_\_\_\_

Dept. signature: \_\_\_\_\_ Date: \_\_\_\_\_

Dean's stamp: \_\_\_\_\_ Date: \_\_\_\_\_

**\*\* Send completed form campus mail to: *DARS-X, B36 Bascom Hall* \*\***

I:\DARS\Exception formsComp Sci - 299 (Fall 2005-present).pdf Last updated:4-19-07 by wla

# Looks good, but...

## DARS EXCEPTION FORM

Computer Sciences (229) major

*For majors declared Fall 2005 and later*

\*\*\*\* Please enter Add courses as they appear on student transcript \*\*\*\*

Student name: Buckingham Badger

ID: 8BD88121288 Effective date of Major declaration: Spring 08

Effective date of DARS exception: Spring 09 Date of expected graduation: Spring 08

### Major Requirements (RNAME = 229)

Basic Computer Sys Add course: COMP SCI X11 taken Fall 2007 (BASICSYS-A)

Basic Calculus Add course: \_\_\_\_\_ taken \_\_\_\_\_ (CALC-A)

Math Beyond Calc Add course: \_\_\_\_\_ taken \_\_\_\_\_ (BEYONDCALC-A)

↳ 6 cr

adjust (+/-): \_\_\_\_\_ (BEYONDCALC-A)

Theory Add course: \_\_\_\_\_ taken \_\_\_\_\_ (THEORY-A)

Software Hardware Add course: \_\_\_\_\_ taken \_\_\_\_\_ (SOFTHARD-A)

Applications Add course: \_\_\_\_\_ taken \_\_\_\_\_ (APPS-A)

Electives Add course: \_\_\_\_\_ taken \_\_\_\_\_ (ELECTIVES-A)



# ...Typical Problem

OK COMPUTER SCIENCES MAJOR

\*\* For majors declared Fall 1992 thru Fall 2002

- + 1) Basic Computer Systems  
03.1 COMP SCI352 4.0 C Digital System Fundamentals
- + 2) Mathematics - Calculus  
02.1 MATH 222 5.0 B Calculus&Analytic Geometry
- + 3) Mathematics - 3 cr that presuppose Calculus  
07.2 MATH 340 3.0 D Elem Matrix&Linear Algebra
- + 4) Foundations of Computer Science  
03.2 COMP SCI577 3.0 B Introduction to Algorithms
- + 5) Numerical Methods  
07.3 COMP SCI412 3.0 AB Intro to Numerical Methods



# Solution

Paperless

Reduce Errors

Clarify authorization

Tracking

Create efficiencies

### 3. Tour





# Tour

Requesting  
Processing

# Authenticate



The screenshot shows a web browser window titled "UW-Madison NetID Login Service - Mozilla Firefox". The address bar displays "https://login.wisc.edu/?appurl=". The page features the University of Wisconsin-Madison logo and the text "WISCONSIN UNIVERSITY OF WISCONSIN-MADISON". Navigation links include "MY UW", "SEARCH", and "PEOPLE". The main heading is "NetID Login", with links for "Activate my NetID" and "Modify my NetID". A note states: "Prior to using *My UW*, you must login with your NetID." The login section includes fields for "NetID" and "Password", with links for "What is my NetID? (ie. bbadger)" and "Forgot your password?". A red "Login" button is present. A "STOP" sign icon is next to a message: "Close **all** web browser windows when you are finished (quit on a Mac). When you login with your NetID, you are automatically logged in to other services that use the NetID Login Service." The footer contains links for "What is this site?", "Security Best Practices", and "Information for Web Developers".

UW-Madison NetID Login Service - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://login.wisc.edu/?appurl=

Google

MY UW SEARCH PEOPLE

**WISCONSIN**  
UNIVERSITY OF WISCONSIN-MADISON

[Activate my NetID](#) [Modify my NetID](#)

## NetID Login

Prior to using *My UW*, you must login with your NetID.

**LOGIN**

NetID

[What is my NetID? \(ie. bbadger\)](#)

Password

[Forgot your password?](#)

**Login**

Close **all** web browser windows when you are finished (quit on a Mac). When you login with your NetID, you are automatically logged in to other services that use the NetID Login Service.

**STOP**

[What is this site?](#) [Security Best Practices](#) [Information for Web Developers](#)

# Main View

**L&S Dars Exceptions - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

file:///C:/Documents and Settings/OCC/Desktop/Indy 2009/d Google

Disable Cookies CSS Forms Images Information Miscellaneous Outline Resize Tools

**WISCONSIN**  
UNIVERSITY OF WISCONSIN-MADISON

View - **admin** DEAN processor [Return to DARS](#)

**College of Letters & Science**  
Dars Exceptions

[Request new exception](#)  
[Search for exception request](#)

**My oldest uncompleted request:**

|            |        |         |             |
|------------|--------|---------|-------------|
| [REDACTED] | AK24-2 | PENDING | (5/18/2009) |
|------------|--------|---------|-------------|

**My most recent 5 requests:**

|            |        |          |             |
|------------|--------|----------|-------------|
| [REDACTED] | AL22-1 | PENDING  | (6/22/2009) |
| [REDACTED] | AL12-1 | COMPLETE | (6/12/2009) |
| [REDACTED] | AL12-2 | COMPLETE | (6/12/2009) |
| [REDACTED] | AK24-2 | PENDING  | (5/24/2009) |
| [REDACTED] | AK24-1 | CANCEL   | (5/24/2009) |

Student Academic Affairs  
[www@ssa.wisc.edu](http://www@ssa.wisc.edu)  
[Feedback and comments](#)

Student Academic Affairs  
College of Letters & Science  
University of Wisconsin - Madison  
2007 University of Wisconsin Board of Regents

Done

# Roles

View - admin DEAN processor

College of Letters & Sciences



# New Request

**College of Letters & Science  
Dars Exceptions**

**Request new exception**

**Go to the new exception request**

# Search for Student



WISCONSIN  
UNIVERSITY OF WISCONSIN-MADISON

View - [admin](#) [DEAN](#) [processor](#)

[Return to DARS](#)

## College of Letters & Science Dars Exceptions

### Search for Student

Student ID equals:

First Name begins with

Last Name

begins with: ▼

# Search on ID

## Search for Student

Student ID equals:

First Name begins with

Last Name begins with:



Search

Cancel

# ID Error Checking

View - **admin** DEAN **processor**

[Return to](#)

## College of Letters & Science Dars Exceptions

### Search Existing Requests for Student

Request Ticket equals:

Student ID equals:

First Name begins with

Last Name begins with:

The page at <https://j2eetest.doit.wisc.edu> s...



The Student ID you entered is not valid.

# Try again on ID

## Search for Student

Student ID equals:

[REDACTED]

First Name begins with

Last Name begins with:



Search

Cancel

# DPROG not available



WISCONSIN  
UNIVERSITY OF WISCONSIN-MADISON

View - [admin](#) [DEAN](#) [processor](#)

[Return to DARS](#)

## College of Letters & Science Dars Exceptions

Name: [REDACTED]

Campus ID: 8 [REDACTED]

IE 564 - Bachelor of Science in Industrial Engineering

Catalog Year: 20053

Alternate Catalog Year: 20053

**This is not an L&S degree program.**

[Return](#)

The image shows the crest of the University of Wisconsin, featuring a red shield with a white 'W' and a crest above it with two crossed axes.

# DPROG not available

IE 564 - Bachelor of Science in Industrial Engineering  
Catalog Year: 20053  
Alternate Catalog Year: 20053

**This is not an L&S degree program.**

# Search on Name(s)

## Search for Student

Student ID equals:

First Name begins with

Har

Last Name begins with:



S

Search

Cancel

# Search Results

L&S Dars Exceptions - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///C:/Documents and Settings/OCC/Desktop/harry.htm Google

Disable Cookies CSS Forms Images Information Miscellaneous Outline Resize Tools

 **WISCONSIN**  
UNIVERSITY OF WISCONSIN-MADISON

View - admin DEAN processor [Return to DARS](#)

**College of Letters & Science**  
Dars Exceptions

Search Results:

| Name | Campus ID | DOB      |
|------|-----------|----------|
|      |           | 05/12/32 |
|      |           | 06/13/30 |
|      |           | //       |
|      |           | 08/09/33 |
|      |           | 12/20/07 |
|      |           | //       |
|      |           | 04/11/87 |
|      |           | 01/16/27 |
|      |           | //       |
|      |           | 03/30/05 |
|      |           | 11/14/98 |
|      |           | //       |
|      |           | 03/29/10 |
|      |           | 11/07/27 |
|      |           | 11/10/23 |
|      |           | 07/14/42 |
|      |           | //       |
|      |           | 01/05/33 |
|      |           | 03/11/19 |
|      |           | 02/24/47 |

Done

# Search Results

|  |  |  |          |
|--|--|--|----------|
|  |  |  | 01/16/27 |
|  |  |  | //       |
|  |  |  | 03/30/05 |
|  |  |  | 11/14/98 |
|  |  |  | //       |
|  |  |  | 03/29/10 |
|  |  |  | 11/07/27 |
|  |  |  | 11/10/23 |
|  |  |  | 07/14/42 |
|  |  |  | //       |
|  |  |  | 01/05/33 |
|  |  |  | 03/11/19 |

# Select DPROG



**WISCONSIN**  
UNIVERSITY OF WISCONSIN-MADISON

View - [admin](#) [DEAN](#) [processor](#)

[Return to DARS](#)

## College of Letters & Science Dars Exceptions

Name: [REDACTED]

Campus ID: 8 [REDACTED]

### Pick a degree

**BS 499 - COLLEGE of LETTERS & SCIENCE - Bachelor of Science (B.S.)**

HISTORY major

Catalog Year: 20073

Alternate Catalog Year: 20081

**BS 121 - COLLEGE of LETTERS & SCIENCE - Bachelor of Science (B.S.)**

BOTANY major

Catalog Year: 20073

Alternate Catalog Year: 20083

[Cancel](#)

Student Academic Affairs

[www@lssaa.wisc.edu](mailto:www@lssaa.wisc.edu)

Feedback and comments

Student Academic Affairs

College of Letters & Science

University of Wisconsin - Madison

2007 University of Wisconsin Board of Regents

The image shows the crest of the University of Wisconsin, featuring a red shield with a white 'W' and a crest above it with two crossed axes.

# DPROGs identified

## **Pick a degree**

**BS 499 - COLLEGE of LETTERS & SCIENCE - Bachelor of Science (B.S.)**

HISTORY major

Catalog Year: 20073

Alternate Catalog Year: 20081

**BS 121 - COLLEGE of LETTERS & SCIENCE - Bachelor of Science (B.S.)**

BOTANY major

Catalog Year: 20073

Alternate Catalog Year: 20083

# X Form



WISCONSIN  
UNIVERSITY OF WISCONSIN-MADISON

View - [admin](#) [DEAN](#) [processor](#)

[Return to DARS](#)

## College of Letters & Science

Dars Exceptions

Name: [REDACTED]

Campus ID: [REDACTED]

BS 499 - COLLEGE of LETTERS & SCIENCE - Bachelor of Science (B.S.)

HISTORY major

Catalog Year: 20073

Alternate Catalog Year: 20081

Select requirements

☐ [REDACTED]



### Select requirements

☐ UNIVERSITY GENERAL EDUCATION (UGER) Reason & Communication

Communication A

Required Course: Choose Course

Required Count: 1

Communication B

Required Course: Choose Course

Required Count: 1

Quantitative Reasoning B

Required Course: Choose Course

Required Count: 1

Quantitative Reasoning A

Required Course: Choose Course

Required Count: 1

☐ UNIVERSITY GENERAL EDUCATION (UGER) Ethnic Studies

Required Course: Choose Course

Required Count: 1

Required Hours: 3

☐ MATHEMATICS for the BS *\*\* only 1 COMP SCI course and/or 1 STAT course counts*

Required Count: 2

Satisfied with  count

☐ FOREIGN LANGUAGE for the BS: 3rd unit or higher Language

Required Course: Choose Course

# Tour: Taking Exception

☒ UNIVERSITY GENERAL EDUCATION (UGER) Ethnic Studies

Required Course: Choose Course

Required Count: 1

Required Hours: 3

☐ MATHEMATICS for the BS. \*\* only 1 COMP SCI course and/or 1 STAT course

This is DARS data

# Adding a Course

☒ UNIVERSITY GENERAL EDUCATION (UGER) Ethnic Studies

Required Course: Choose Course

Required Count: 1

Required Hours: 3

☐ MATHEMATICS for

Required Count: 2

☐ FOREIGN LANGUAGE

Required Course:

☐ HUMANITIES

Required Hours: 12

Literature

Required Course: Choose Course

ECON 102 , Fall 1999-2000 for 3 or (T)  
ENGLISH X02 , Fall 1999-2000 for 3 or (T)  
ENGLISH X19 , Spring 2001-2002 for 3 or (T)  
ENGLISH 100 , Fall 1999-2000 for 3 or (T)  
ENGLISH 169 , Spring 2005-2006 for 4 or (BC)  
ENGLISH 236 , Fall 1999-2000 for 3 or (F)  
GENETICS 466 , Summer 2008 for 3 or (D)  
GEOLOGY 331 , Fall 2005-2006 for 2 or (B)  
HISTORY X29 , Spring 2004-2005 for 3 or (T)  
HISTORY 124 , Spring 1999-2000 for 3 or (C)  
HISTORY 307 , Spring 2004-2005 for 4 or (A)  
HISTORY 357 , Spring 2004-2005 for 4 or (A)  
HISTORY 365 , Summer 2005 for 3 or (AB)  
HISTORY 440 , Spring 2004-2005 for 4 or (B)  
HISTORY 490 , Fall 2005-2006 for 4 or (AB)  
HISTORY 600 , Fall 2005-2006 for 3 or (AB)  
HISTORY 690 , Fall 2005-2006 for 2 or (B)  
HISTORY 690 , Spring 2005-2006 for 2 or (B)  
HISTORY 691 , Fall 2005-2006 for 3 or (B)  
HISTORY 692 , Spring 2005-2006 for 3 or (B)

7 course counts

# Add Instruction

☐ TOTAL Credits for DEGREE (120)

Required Hours: 120 Satisfied with  hours

LIBERAL ARTS & SCIENCES (LAS) credit (108)

Required Course:

Required Hours: 108 Satisfied with  hours

☐ UW-MADISON Experience (Credits in Residence)

SENIOR RESIDENCE: 30 credits IN RESIDENCE, after 90

Required Hours: 30 Satisfied with  hours

## Additional Instructions

☐ Exception(s) should complete degree requirements

Exception effective as of:

Student Academic Affairs  
www@lssaa.wisc.edu  
Feedback and comments

Student Academic Affairs  
College of Letters & Science  
University of Wisconsin - Madison  
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# Submit

## Additional Instructions

Please expedite! This student was to have graduated at end of Spring 2009 term.

☒ Exception(s) should complete degree requirements

Exception effective as of: Spring 2008-2009 ▼

Submit exception request

Cancel

The image shows a close-up of the University of Wisconsin crest, which is a shield with a red background and a large white 'W' in the center. Above the shield is a helmet with a crest featuring a book and a torch. The crest is mounted on a stone wall.

# Submitted

Name: [REDACTED]

Campus ID: [REDACTED]

Your Exception request has been submitted.

[Printer Friendly View](#)

[Add another exception for this student](#)

[Return to search](#)

# Printer Friendly

Mozilla Firefox

File Edit View History Bookmarks Tools Help

## College of Letters & Science

### Degree/Major Exception

**Request #:** BF18-1 **Status:** PENDING

**Name:** [REDACTED]

**Campus ID:** [REDACTED]

**Exception effective as of:** Summer 2009

**Degree Program:**  
BS 499 - COLLEGE of LETTERS & SCIENCE - Bachelor of Science (B.S.)  
HISTORY major  
Catalog Year: 20073

**Exception Requests:**

|                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------|
| For UNIVERSITY GENERAL EDUCATION (UGER) Ethnic Studies<br>Accept HISTORY 600, Fall 2005-2006 for 3 cr (grade AB) |
|------------------------------------------------------------------------------------------------------------------|

**Exception(s) should complete degree requirements:** N

**Requested by** MJPFLEIGER on 06/18/2009 01:06 PM

\*\*\* Request not official until processed by the Dean's Office \*\*\*

The image shows the crest of the University of Wisconsin, featuring a red shield with a white 'W' and a crest above it with three open books. The crest is set against a red background.

# Validation

Requested by M [REDACTED] on 06/18/2009 01:06 PM

\*\*\* Request not official until processed by the Dean's Office \*\*\*

# Submitted



**WISCONSIN**  
UNIVERSITY OF WISCONSIN-MADISON

View - [admin](#) [DEAN](#) [processor](#)

[Return to DARS](#)

## College of Letters & Science

Dars Exceptions

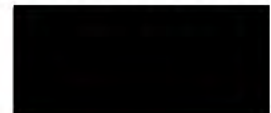
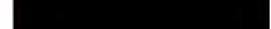
[Request new exception request](#)

[Search for exception request](#)

### My oldest uncompleted request:

 BF18-1 PENDING (06/18/2009)

### My most recent 5 requests:

 BF11-1 PENDING (06/11/2009)  
 BF10-1 PENDING (06/10/2009)  
 BF08-1 PENDING (06/08/2009)

# Main View: Processor



**WISCONSIN**  
UNIVERSITY OF WISCONSIN-MADISON

View - **admin dean** PROCESSOR

[Return to DARS](#)

## College of Letters & Science DARS Exceptions

### Active requests not complete:



|        |                      |
|--------|----------------------|
| BF18-1 | PENDING (06/18/2009) |
| BF15-2 | PENDING (06/15/2009) |
| BF13-1 | PENDING (06/13/2009) |
| AL13-1 | PENDING (06/13/2009) |
| BF10-2 | PENDING (06/10/2008) |

Total: 5

# Processor Tab

View - admin dean PROCESSOR

# Active Requests

## College of Letters & Science

### Dars Exceptions

Search for Exception

#### Active requests not complete:

|  |        |                      |
|--|--------|----------------------|
|  | BF18-1 | PENDING (06/18/2009) |
|  | BF15-2 | PENDING (06/15/2009) |
|  | BF13-1 | PENDING (06/13/2009) |
|  | AL13-1 | PENDING (06/13/2009) |
|  | BF10-2 | PENDING (06/10/2008) |

Total: 5

# Process a Request

View - [admin dean](#) PROCESSOR

[Return to DARS](#)

## College of Letters & Science

### Dars Exceptions

Request #: BF18-2

Name: [REDACTED]

Campus ID: [REDACTED]

Exception effective as of: Spring 2008-2009

Status: PENDING [History](#)

### Degree Program:

BS 499 - COLLEGE of LETTERS & SCIENCE - Bachelor of Science (B.S.)

HISTORY major

Catalog Year: 20073

Alternate Catalog Year: 20081

### Exception Requests:

For UNIVERSITY GENERAL EDUCATION (UGER) Ethnic Studies (GER07ESR )  
(Psuedo Name: ETHNIC )  
Accept HISTORY 600, Fall 2005-2006 for 3 cr (grade AB)

Exception(s) should complete degree requirements: Y

### Comments

Please expedite! This student was to have graduated at end of Spring 2009 term.  
by MJPFLIEGER on 18-JUN-09 01:38:04 PM

Requested by MJPFLIEGER on 06/18/2009 01:06 PM

[Printer Friendly View](#)

# Update Status

**Status:** PENDING **History**

|               |   |
|---------------|---|
| Update Status | ▼ |
| Update Status |   |
| CANCEL        |   |
| COMPLETE      |   |

# Complete Transaction

Status: PENDING **History**

COMPLETE 

The image shows the crest of the University of Wisconsin, featuring a red shield with a white 'W' and a crest above it with three open books. The crest is set against a red background.

# History

## Request Status History

| Date               | Status   | ID           |
|--------------------|----------|--------------|
| 18-JUN-09 02:21 PM | COMPLETE | M [REDACTED] |
| 18-JUN-09 01:18 PM | PENDING  | M [REDACTED] |

# Printer Friendly version

Mozilla Firefox

File Edit View History Bookmarks Tools Help

**College of Letters & Science**  
**Degree/Major Exception**

Request #: BF18-1 **Status: COMPLETE**

Name: [REDACTED]  
Campus ID: [REDACTED]  
Exception effective as of: Summer 2009

**Degree Program:**  
BS 499 - COLLEGE of LETTERS & SCIENCE - Bachelor of Science (B.S.)  
HISTORY major  
Catalog Year: 20073

**Exception Requests:**

|                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------|
| For UNIVERSITY GENERAL EDUCATION (UGER) Ethnic Studies<br>Accept HISTORY 600, Fall 2005-2006 for 3 cr (grade AB) |
|------------------------------------------------------------------------------------------------------------------|

**Exception(s) should complete degree requirements: Y**

**Requested by** M [REDACTED] on 06/18/2009 01:06 PM  
**Processed by** M [REDACTED] on 06/18/2009 02:06 PM

\*\*\* Request processed and official \*\*\*

# Updated Work List

## College of Letters & Science Dars Exceptions

Search for Exception

### Active requests not complete:

|                                                                                   |        |                      |
|-----------------------------------------------------------------------------------|--------|----------------------|
|  | BF15-2 | PENDING (06/15/2009) |
|                                                                                   | BF13-1 | PENDING (06/13/2009) |
|                                                                                   | AL13-1 | PENDING (06/13/2009) |
|                                                                                   | BF10-2 | PENDING (06/10/2008) |

Total: 4



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# Questions so far

## 4. Technology



The image shows the crest of the University of Warwick on the left side of the slide. It features a shield with a large white 'W' on a red background, topped with a helmet and crest. The shield is set against a stone wall.

# Technology

## Setting up DARwin Framework

The image shows a close-up of the University of Wisconsin crest, which is a shield with a red background and a large white 'W' in the center. Above the shield is a crest featuring a book and a torch. The shield is surrounded by a decorative border.

# Setting up DARwin

Goal: Use DARwin data

# Setting up DARwin

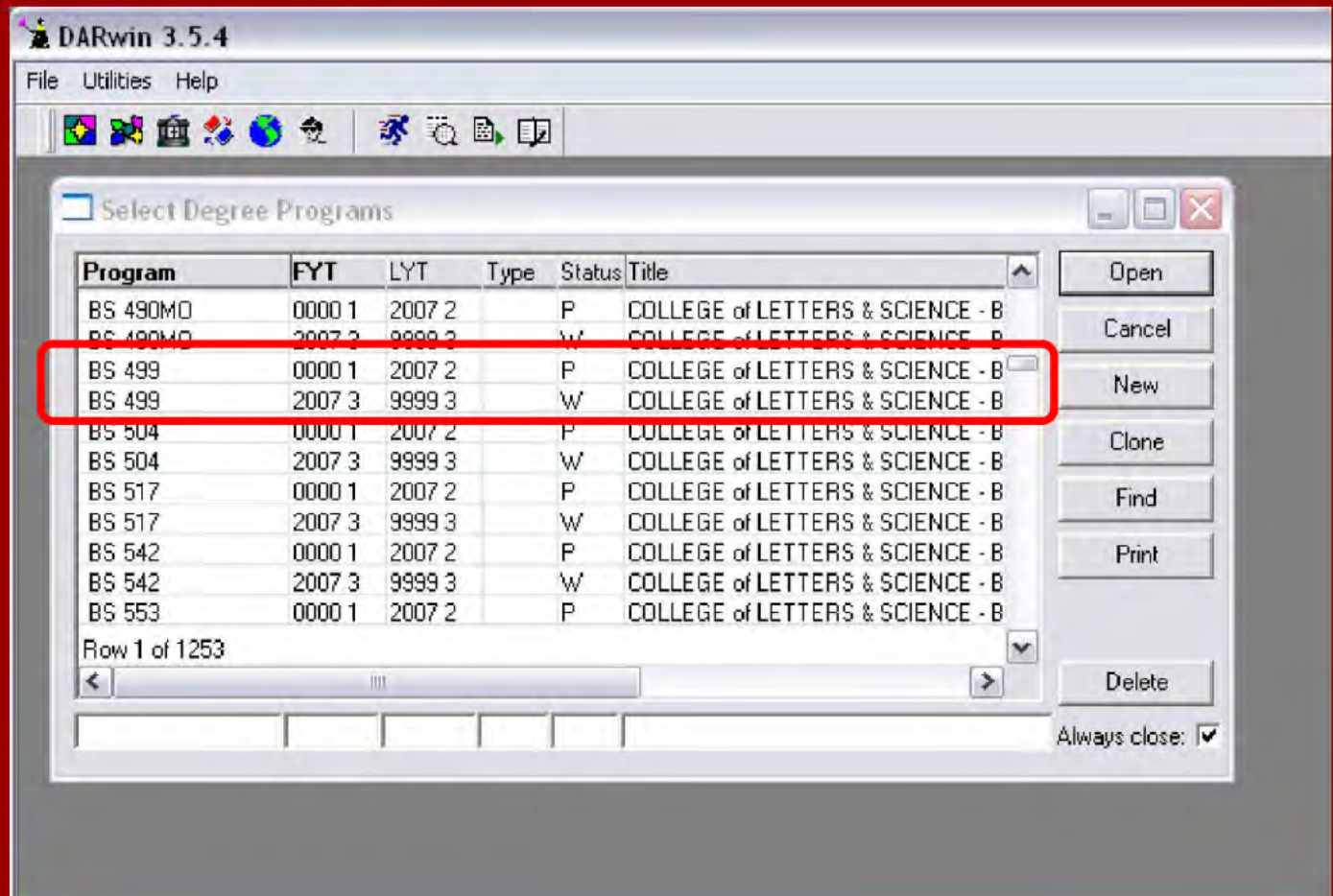
DPROG

RNAME

SUBREQ

Controls

# DPROG



# DPROG

|        |        |        |   |                                  |
|--------|--------|--------|---|----------------------------------|
| BS 499 | 0000 1 | 2007 2 | P | COLLEGE of LETTERS & SCIENCE - B |
| BS 499 | 2007 3 | 9999 3 | W | COLLEGE of LETTERS & SCIENCE - B |

# DPROG → RNAME

GER07TOOL  
GER07BRTH  
GER07ESR

Web Title: \_\_\_\_\_  
Program Status: **Test** DPMask: \_\_\_\_\_ CIPS: \_\_\_\_\_ Marker List: ☐  
College: \_\_\_\_\_ Major: \_\_\_\_\_ Degree: \_\_\_\_\_  
Comments: \_\_\_\_\_

Last Modified: Mar 8, 2007 9:58:58 PM By: M4P

|   | Requirement<br>Name | Gp<br>1 | Gp<br>2 | O<br>R                   | O<br>P                              | Sum.<br>Group | Cross<br>Link | Alt.<br>Catalog | Sort<br>Flag | Report<br>Category | Extend | Calc<br>Group | Calc<br>Flag |
|---|---------------------|---------|---------|--------------------------|-------------------------------------|---------------|---------------|-----------------|--------------|--------------------|--------|---------------|--------------|
| 1 | INPROG              |         |         | <input type="checkbox"/> | <input checked="" type="checkbox"/> |               |               |                 |              |                    |        |               |              |
| 2 | BEGINHEDR           |         |         | <input type="checkbox"/> | <input checked="" type="checkbox"/> |               |               |                 |              |                    |        |               |              |
| 3 | TOOLHEDR            |         |         | <input type="checkbox"/> | <input checked="" type="checkbox"/> |               |               |                 |              |                    |        |               |              |
| 4 | MATH095             | 1       | 1       | <input type="checkbox"/> | <input type="checkbox"/>            |               |               |                 |              |                    |        |               |              |
| 5 | GER07TOOL           | 2       | 2       | <input type="checkbox"/> | <input type="checkbox"/>            |               |               |                 |              |                    |        |               |              |
| 6 | GER07BRTH           | 3       | 3       | <input type="checkbox"/> | <input type="checkbox"/>            |               |               |                 |              |                    |        |               |              |
| 7 | GER07ESR            | 4       | 4       | <input type="checkbox"/> | <input type="checkbox"/>            |               |               |                 |              |                    |        |               |              |

Rows: 7

# RNAME

|   |           |   |   |                          |                          |  |
|---|-----------|---|---|--------------------------|--------------------------|--|
| 4 | MATH095   | 1 | 1 | <input type="checkbox"/> | <input type="checkbox"/> |  |
| 5 | GER07TOOL | 2 | 2 | <input type="checkbox"/> | <input type="checkbox"/> |  |
| 6 | GER07BRTH | 3 | 3 | <input type="checkbox"/> | <input type="checkbox"/> |  |

# RNAME

Requirement: GER07ESR 00001

**Requirement Name:** GER07ESR **FYT:** 0000 1 **LYT:** 9999 3  
**Title:** UNIVERSITY GENERAL EDUCATION (UGER) Ethnic Studies

**Pseudo Name:** GER07ESR **Requirement Type:** '' - <Normal>  
**Last Modified:** Sep 05, 2007 4:32:35 PM **By:** M4P

**Common** | **Reporting** | **Reference/Other** | **Text** | **Limits (X-line)** | **Used By**

**Completion Rules**

Required Sub-req's: 1 [X - Suppress all]  
Required Hours: 0.0 [E - Suppress earned]  
Required GPA: 0.0 [X - Suppress all]  
Required Count: 0 [E - Suppress earned]  
Maximum Hours: 0.0

**Condition Code Assignment**

Assignment Control: [X - Remove]  
Assign Condition Codes: 2 [t]

**Matching Rules**

Course Condition Codes  
Accept 1/2: ☐ ☐  
Reject 1/2: # 2

Conditional Requirement  
Accept System CC: ☐  
Reject System CC: ☐

GER07ESR  
Sub 1: 1 3.0 Or  
Sub 2: 1 0.0

# RNAME

Requirement Name: GER07ESR

FYT: 0000 1

LYT: 9999 3

Title: UNIVERSITY GENERAL EDUCATION (UGER) Ethnic Studies

# RNAME → Subreq

Requirement: GER07ESR 00001

GER07ESR

- Sub 1: 1 3.0 Or
  - 3+
  - DARSX \$
  - ETHNIC \$
  - \*
  - ESR-L L
- Sub 2: 1 0.0

**Sub Requirement 1**

Required Count: 1 X - Suppress all

Required Hours: 3.0 E - Suppress earned

Required GPA: 0.0 X - Suppress all

Maximum Hours: 999.0

Sub-req. ReUse:

**Matching Rules**

Accept OR

E

Reject AND

OR'd Sub-requirement: ☒

Text OK No

Title Title/OK Notes

|   | A        | Course | M  | Title             | T                                   | CLim | CFig | A | R | Effective Date |
|---|----------|--------|----|-------------------|-------------------------------------|------|------|---|---|----------------|
| 1 | A 3+     |        |    | credit 'e' course | <input checked="" type="checkbox"/> |      |      |   |   |                |
| 2 | A DARSX  |        | \$ | cLh               | <input type="checkbox"/>            |      |      |   |   |                |
| 3 | A ETHNIC |        | \$ |                   | <input type="checkbox"/>            |      |      |   |   |                |
| 4 | A *      |        |    |                   | <input type="checkbox"/>            |      |      |   |   |                |
| 5 | A ESR-L  |        | L  |                   | <input type="checkbox"/>            |      |      |   |   |                |

\*\*\*\*\* Rows: 5

# Subreq

|   |          |        |
|---|----------|--------|
| 4 | A DARSX  | \$ cLh |
| 5 | A ETHNIC | \$     |

cLh?



# Control Codes

Defaults modifiable in table  
Override defaults on A-line

The image shows the crest of the University of Wisconsin, featuring a red shield with a white 'W' and a crest above it with two crossed axes.

# Control Codes

C/c = ReqCt

H/h = ReqHrs

G/g = ReqGPA

M/m = MaxHrs

L = list of courses (student)

UPPERCASE = Update

lowercase = Display only

<null> = hidden



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# Setting up DARwin Questions



# Framework

Reasons we chose it  
MVC

Expertise needed

Benefits/pitfalls

The image shows the crest of the University of Wollongong on the left side of the slide. It features a shield with a large white 'W' on a reddish-brown background, topped with a crest of three shells. The shield is set against a stone wall.

# **Reason we chose it**

Application Scope  
Maintenance



# **MVC: Model View Control**

Business Rules

Presentation

Controller

Infrastructure - Java Classes



# Model: Business Rules

SQL Registry

SQL Function Calls



# SQL Example

```
SELECT EMAIL_ADDR,  
E_ADDR_TYPE  
FROM PS_EMAIL_ADDRESSES  
WHERE EMPLID = '#EMPLID#'  
AND PREF_EMAIL_FLAG = 'Y'
```

# SQL Example



# SQL Example

GET INCOMPLETE EXCEPTION  
GET NAME  
GET OLDEST EXCEPTION  
GET PERSON

# SQL Example

Generate New Nodes for XML Database File - Windows Internet Explorer

File » x

★ Favorites Generate New Nodes for XML Database File

Database SQL Result Management version 2.0.7 20061012 [JavaDocs](#)

Database select: RGDARS

\*ID: GET\_NAME Edit Id:

Description: Retrieve name for student

\*XSL File: /WEB-INF/xsl/generic\_table.xsl File Path: default ID: [1] Add

SQL Type: select

\*SQL Statement:

```
select stu_mast_no, stuname  
from rgdars.stu_demo  
where stu_mast_no = #STU_MAST_NO#
```

[setQueryParams](#)  
[setParamQuoteQuote](#)  
[setSqlID](#)  
[setSqlID](#)  
[setQueryXSLResults](#)  
[setUnresolvedParams](#)

☐ Log Query

Find Find Next Clear Locate Vars XSL XML TABLE

Controls: Update to File Delete from File Write to File

<< < > >> 18 of 41 [List of identifiers](#)

SQL merger variables for testing (remove variable name on left for null):

| Name | Value |
|------|-------|
| Done |       |

Internet 100%

# SQL Example

```
select stu_mast_no, stuname  
  from rgdars.stu_demo  
 where stu_mast_no = #STU_MAST_NO#
```

# SQL Example

Generate New Nodes for XML Database File - Windows Internet Explorer

File » X

Generate New Nodes for XML Database File

Description: Retrieve name for student

\*XSL File: /WEB-INF/xsl/generic\_table.xsl File Path: html

ID: 1 Add

SQL Type: select

\*SQL Statement:

```
select stu_mast_no, stuname  
from rgdars.stu_demo  
where stu_mast_no = #STU_MAST_NO#
```

Log Query

Find Find Next Clear Locate Vars XSL XML TABLE

Controls: Update to File Delete from File Write to File

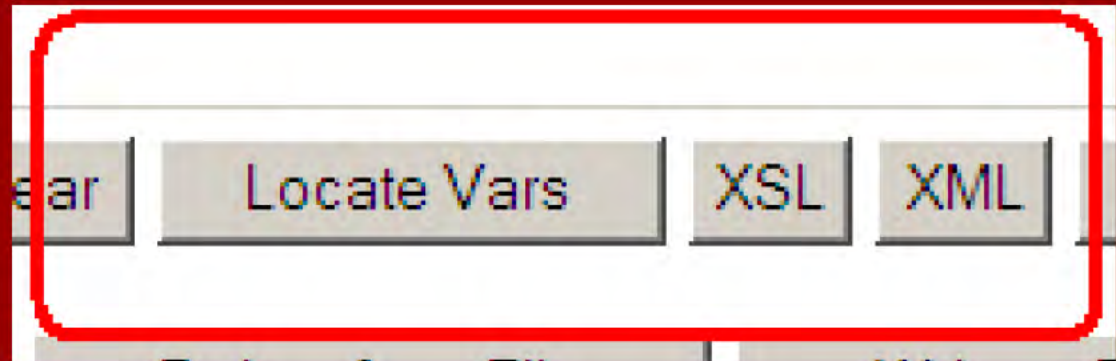
15 of 41 List of Identifiers

SQL merger variables for testing (remove variable name on left for null):

| Name        | Value   |
|-------------|---------|
| STU_MAST_NO | 1000000 |
|             |         |
|             |         |

Internet 100%

# SQL Example



| Name        |                     |
|-------------|---------------------|
| STU_MAST_NO | <del>00000000</del> |
|             |                     |

# SQL Example

```
<?xml version="1.0" encoding="UTF-8" ?>
- <resultset>
-   <record row="1">
      <stu_mast_no>[REDACTED] </stu_mast_no>
      <stuname>[REDACTED] </stuname>
    </record>
  </resultset>
```

# SQL Example

```
- <record row="6">
  <strm>0904</strm>
  <descr>Spring 1989-90</descr>
  <crse_id>004246</crse_id>
  <crse_offer_nbr>1</crse_offer_nbr>
  <descrshort>COMP SCI</descrshort>
  <catalog_nbr>367</catalog_nbr>
  <class_section>002</class_section>
  <unt_taken>3</unt_taken>
  <crse_grade_off>AB</crse_grade_off>
</record>
- <record row="7">
  <strm>0924</strm>
  <descr>Spring 1991-92</descr>
  <crse_id>005312</crse_id>
  <crse_offer_nbr>1</crse_offer_nbr>
  <descrshort>E ASIAN</descrshort>
  <catalog_nbr>121</catalog_nbr>
  <class_section>001</class_section>
  <unt_taken>3</unt_taken>
  <crse_grade_off>A</crse_grade_off>
</record>
```



# SQL Example

Update

Insert

Delete

Function Calls



# MVC: Model View Control

Business Rules

**Presentation**

Controller

The image shows the crest of the University of Wollongong on the left side of the slide. It features a shield with a large white 'W' on a red background, topped with a decorative element. The shield is set against a stone wall.

# XSL Snippet

**Your Email Address is  
<xsl:value-of  
select="resultset/email/eaddr"/>.**



# MVC: Model View Control

Business Rules

Presentation

**Controller**

The image shows the crest of the University of Wollongong, featuring a shield with a large white 'W' on a red background, topped with a stone helmet and crest.

# Controller: JSP Example

```
sql.setSqlID("getEmail");  
sql.setQueryParams("ID",  
sessionID);  
v = sql.getQueryVectorResults();  
  
sql.setXslPath("email.xsl") ;  
out.println(sql.getTransform(sql.get  
QueryAppendedXMLResults()));
```



# In-house Framework

Reasons we chose it  
MVC

**Expertise needed**

Benefits/pitfalls



# Expertise needed

Model

View

Controller



# In-house Framework

Reasons we chose it  
MVC

Expertise needed

**Benefits/pitfalls**



# Benefits

Rapid development

Low learning curve

Built in tools

The image shows a close-up of the University of Wisconsin crest, which is a shield with a red background and a large white 'W' in the center. Above the shield is a crest featuring a book and a torch. The shield is surrounded by a decorative border.

# Pitfalls

Support

Smaller applications

Can't share SQL Registries



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# Framework Questions

## 5. Future



The image shows the crest of the University of Warwick on the left side of the slide. It features a shield with a large white 'W' on a red background, topped with a helmet and crest. The shield is set against a stone wall.

# **Future: Implementation**

Deploy in L&S for Deans

Train users

Pilot Adviser role

The image shows the crest of the University of Wollongong on the left side of the slide. It features a shield with a large white 'W' on a red background, topped with a helmet and crest. The shield is set against a stone wall.

# **Future: Enhancement**

Admin views

Status notification

Performance

Multiple roles in same RNAME

The image shows the crest of the University of Wisconsin-Madison on the left side of the slide. It features a shield with a red background and a large white 'W' in the center. Above the shield is a crest with a book and a torch. The shield is surrounded by a decorative border.

# **Future: Expansion**

All L&S "P" DPROGs

All UW-Madison

Interested redLantern clients

The image shows the crest of the University of Warwick on the left side of the slide. It features a shield with a large white 'W' on a red background, topped with a helmet and crest. The shield is surrounded by a stone border.

# Future: Questions

Extend = L

Markers

Dual roles, same DPROG

**“Racing Full Speed Ahead”  
Users Conference 2009**

# Questions?

**Mike Pflieger**  
UW-Madison  
[mjpflieger@wisc.edu](mailto:mjpflieger@wisc.edu)

Session R4.02  
Thursday June 25, 2009