

## Request for Graduate Course Deletion

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one PDF copy (without signatures), to the Graduate Council Chair. If attachments included, merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and signed hard copy.**
4. Additionally, attach a copy of your written notification and any response(s) regarding this course deletion to other Departments/Divisions which advise students to enroll in this course as a prerequisite, co-requisite, or as an approved elective.

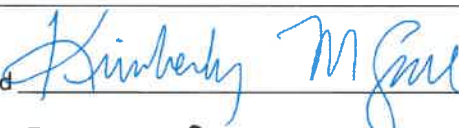
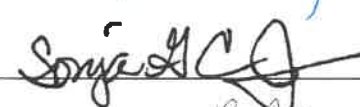


College  Dept/Div.

Contact Person  Phone

Current Course Number and Title

Rationale for Course Deletion	<div style="border: 1px solid black; padding: 10px; min-height: 150px;"> <p>The 3 CIME courses requested for deletion have not been offered since Spring of 2005 and Spring of 2006. CIME 558 is related to Geometry which is now CIME 658. CIME 575 and CIME 577 are related to the practicum course for the Mathematics through Algebra 1 program which is now CIME 675.</p> </div>
<p>Final term and year this course is to be offered:    Fall 20 <input type="text"/>    Spring 20 <input type="text" value="06"/>    Summer 20 <input type="text"/></p>	
<p>Course being ADDED in place of this DELETION. NOTE: A course ADDITION request form is also required.</p>	
Course Number and Title	<input style="width: 90%;" type="text"/> Credit Hrs. <input style="width: 10%;" type="text"/>

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head 	Date <u>8/25/22</u>
Registrar 	Date <u>8.26.2022</u>
College Curriculum Chair 	Date <u>8.31.22</u>
Graduate Council Chair 	Date <u>9/30/22</u>

## Request for Graduate Course Deletion-Page 2

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Please insert in the text box below your course deletion summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings):

Department:

Course Number and Title:

Rationale for deletion:

Final Term Offered:

Courses added (*if any*):

Department: Curriculum & Instruction

Course Number and Title:

CIME 558 Geometry for Math Educators

CIME 575 Supervised Field Practicum/Seminar in Mathematics 5-9

CIME 577 Supervised Field Practicum/Seminar in Mathematics 9-12

Rationale for deletion: The 3 CIME courses requested for deletion have not been offered since Spring of 2005 and Spring of 2006. CIME 558 is related to Geometry which is now CIME 658. CIME 575 and CIME 577 are related to the practicum course for the Mathematics through Algebra 1 program which is now CIME 675.

Final Term Offered: Spring 2005/2006

## Request for Graduate Course Deletion

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4. Additionally, attach a copy of your written notification and any response(s) regarding this course deletion to other Departments/Divisions which advise students to enroll in this course as a prerequisite, co-requisite, or as an approved elective.

College  Dept/Div.

Contact Person  Phone

Current Course Number and Title

Rationale for Course Deletion	<p>These three courses have not been offered for quite some time.            CIDH 507: Development and Remediation of Reading Writing and Discourse for the Deaf and Hard of Hearing; last offered Spring 2006            CIVI 506: Practicum in Visual Impairment I; last offered in Spring 2006            CIVI 508: Practicum in Visual Impairment II; last offered Fall 2005</p> <p>I have been program director since 2017 and these classes were not and have not been offered or on our Program of Study. I have worked as an adjunct since 2012 and I have never seen these classes offered.</p>
<p>Final term and year this course is to be offered:    Fall 20 <input type="checkbox"/>    Spring 20 <input type="text" value="06"/>    Summer 20 <input type="checkbox"/></p>	
<p>Course being ADDED in place of this DELETION. NOTE: A course ADDITION request form is also required.</p>	
Course Number and Title	<input style="width: 90%;" type="text"/>
Credit Hrs.	<input style="width: 50px;" type="text"/>

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head <u><i>Algebra Lockwood</i></u>	Date <u><i>8-26-22</i></u>
Registrar <u><i>Sonye HCA</i></u>	Date <u><i>8.26.22</i></u>
College Curriculum Chair <u><i>M. [Signature]</i></u>	Date <u><i>8.31.22</i></u>
Graduate Council Chair <u><i>D. S. [Signature]</i></u>	Date <u><i>9-30-22</i></u>

## Request for Graduate Course Deletion-Page 2

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Please insert in the text box below your course deletion summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings):

Department:

Course Number and Title:

Rationale for deletion:

Final Term Offered:

Courses added (*if any*):

Department: Curriculum & Instruction

Course# and Title:

CIDH 507: Development and Remediation of Reading Writing and Discourse for the Deaf and Hard of Hearing; last offered Spring 2006

CIVI 506: Practicum in Visual Impairment I; last offered in Spring 2006

CIVI 508: Practicum in Visual Impairment II; last offered Fall 2005

Rationale for Deletion: These three courses have not been offered for quite some time. I have been program director since 2017 and these classes were not and have not been offered or on our Program of Study. I have worked as an adjunct since 2012 and I have never seen these classes offered. We do offer CIDH 607 for Reading (in the DHH courses) and CIVI 601 & 602 are the practicum classes for the VI program.

### Request for Graduate Non-Curricular Changes

PLEASE USE THIS FORM FOR ALL NON-CURRICULAR CHANGE REQUESTS (changes in admission requirements or requirements for graduation, changes in existing or new policies/procedures, changes in program descriptions in catalog, general language changes in catalog).

SIGNATURES may not be required, depending on the nature of the request and from where it originates. Consult Graduate Council Chair.

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: COEPD Dept/Division: Counseling

Contact Person: Jonathan Lent Phone: 304-696-2912

Rationale for Request:

Current admissions process does not allow for comprehensive review of *all* applicants to be certain highest quality applicants are admitted to the program. This change will support efforts to enroll most qualified candidates.

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.  
NOTE: all requests may not require all signatures.

Department/Division Chair Dr. Jonathan Lent Digitally signed by Dr. Jonathan Lent Date: 2022.06.01 10:55:35 -04'00' Date 6.1.22

Registrar Sonja G Cantrell Johnson Digitally signed by Sonja G Cantrell Johnson Date: 2022.06.01 11:28:14 -04'00' Date 6.1.22

College Curriculum Committee Chair  Date 8.31.22  
(or Dean if no college curriculum committee)

Graduate Council Chair  Date 9/30/22

NOTE: please complete information required on the following pages before obtaining signatures above.

## Request for Graduate Non-Curricular Changes – Page 2

1. **Current Catalog Description (if applicable):** Please insert the catalog description from the current catalog for entries you would like to change.

### Graduate Admissions

Applicants should follow the admissions process described in this catalog or at the Graduate Admissions website at [www.marshall.edu/graduate/admissions/how-to-apply-for-admission](http://www.marshall.edu/graduate/admissions/how-to-apply-for-admission).

### Counseling Program

Multiple criteria are used in making decisions to admit students to the degree program. Each applicant is evaluated using the following criteria (all material should be submitted directly to Graduate Admissions):

A bachelor's degree from an accepted, accredited institution (transcript required from degree-granting institution only).

Evidence of academic aptitude for graduate-level study by the following:

A 2.75 overall Undergraduate GPA or higher on a 4.0 scale on the final degree transcript; or

A Graduate GPA of 3.0 on any previously completed advanced degree.

International student applicants must demonstrate English proficiency according to university standards. See the Admissions section for information.

A writing sample expressing career goals and estimation of personal suitability for the profession of counseling. This should follow the Guidelines for the Written Statement found on the program website, or you may contact the program for a copy to be sent to you.

Two written references (from current or former professors, if possible). These should be completed by professionals with knowledge of the applicant's suitability for graduate work (e.g., supervisors, undergraduate professors) in helping professions. They should be completed using the program-specific reference form found on the program website, or you may contact the program for a copy to be sent to you.

### Conditional Admission

The Counseling program may admit applicants conditionally for one term, on a limited basis, at the discretion of the program.

### Provisional Admission

The Counseling program may admit applicants provisionally on a limited basis, at the discretion of the program.

Applicants may submit their application materials at any time, but the program cannot guarantee that applications will be considered for the desired semester when submitted less than 14 days prior to the beginning of that semester. Applications too late to be considered for admission may be rolled to the following semester.

## Request for Graduate Non-Curricular Changes – Page 3

2. **Edits to current description:** Attach or insert a PDF copy of the current catalog description prepared in MS WORD with strikethroughs to mark proposed deletions and use the highlight function to indicate proposed new text.

See attached MS Word document with strikethroughs and edited language. This is titled "Admission Requirements."

## Request for Graduate Non-Curricular Changes – Page 4

3. **New Catalog Description:** Provide a “clean” copy of your proposed description without strikethroughs or highlighting. This should be what you are proposing for the new description.

### Admission Requirements

Admission to the Counseling Program is selective and competitive. To receive priority consideration, completed applications and all required supporting materials must be received by Marshall University Graduate Admissions by 9/15 for the Spring semester, 2/15 for the Summer term, and 3/15 for the Fall semester. Completed applications submitted after the priority deadline will be considered only if openings remain in the program.

Admission decisions for all program applicants are rooted in the specific standards of the university and the minimum standards of the Counseling program. Students are admitted to an area of emphasis and must indicate their preferences during the admission application process.

#### Graduate Admissions

Applicants should follow the admissions process described in this catalog or at the Graduate Admissions website at [www.marshall.edu/graduate/admissions/how-to-apply-for-admission](http://www.marshall.edu/graduate/admissions/how-to-apply-for-admission).

#### Counseling Program

Multiple criteria are used in making decisions to admit students to the degree program. Each applicant is evaluated ....at the discretion of the program.

Applications too late to be considered for admission may be rolled to the following semester.



## Request for Graduate Non-Curricular Changes – Page 5

Please insert below your proposed change information for the Graduate Council agenda.

Type of change request: **Non-Curricular Change - Change to admissions language in graduate catalog**

Department: **Counseling**

Degree program: **Master's**

Effective date (fall/spring/summer, year): **6.1.22**

## Admission Requirements

Admission to the Counseling Program is selective and competitive. To receive priority consideration, completed applications and all required supporting materials must be received by Marshall University Graduate Admissions by 9/15 for the Spring semester, 2/15 for the Summer term, and 3/15 for the Fall semester. Completed applications submitted after the priority deadline will be considered only if openings remain in the program. Admission decisions for all program applicants are rooted in the specific standards of the university and the minimum standards of the Counseling program. Students are admitted to an area of emphasis and must indicate their preferences during the admission application process.

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at [www.marshall.edu/admissions/apply](http://www.marshall.edu/admissions/apply)/[www.marshall.edu/graduate/admissions/how-to-apply-for-admission](http://www.marshall.edu/graduate/admissions/how-to-apply-for-admission).

### Counseling Program

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1. A bachelor's degree from an accepted, accredited institution (transcript required from degree-granting institution only).
2. Evidence of academic aptitude for graduate-level study by the following:
  - . A 2.75 overall Undergraduate GPA or higher on a 4.0 scale on the final degree transcript; or
  - a. A Graduate GPA of 3.0 on any previously completed advanced degree.
3. International student applicants must demonstrate English proficiency according to university standards. See the Admissions section for information.
4. A writing sample expressing career goals and estimation of personal suitability for the profession of counseling. This should follow the Guidelines for the Written Statement found on the program website, or you may contact the program for a copy to be sent to you.
5. Two written references (from current or former professors, if possible). These should be completed by professionals with knowledge of the applicant's suitability for graduate work (*e.g.*, supervisors, undergraduate professors) in helping professions. They should be completed using the program-specific

reference form found on the program website, or you may contact the program for a copy to be sent to you.

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The Counseling program may admit applicants conditionally for one term, on a limited basis, at the discretion of the program.

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The Counseling program may admit applicants provisionally on a limited basis, at the discretion of the program.

~~Applicants may submit their application materials at any time, but the program cannot guarantee that applications will be considered for the desired semester when submitted less than 14 days prior to the beginning of that semester. Applications too late to be considered for admission may be rolled to the following semester. Applications which are completed too late to be considered for admission to the upcoming term may be rolled once, to the next application term.~~

### Request for Graduate Non-Curricular Changes

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College: COEPD Dept/Division: Counseling

Contact Person: Jonathan Lent Phone: 304-696-2912

Rationale for Request:

Current admissions process does not allow for comprehensive review of *all* applicants to be certain highest quality applicants are admitted to the program. This change will support efforts to enroll most qualified candidates.

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NOTE: all requests may not require all signatures.

Department/Division Chair Dr. Jonathan Lent Digitally signed by Dr. Jonathan Lent Date: 2022.06.01 10:55:35 -04'00' Date 6.1.22

Registrar Sonja G Cantrell Johnson Digitally signed by Sonja G Cantrell Johnson Date: 2022.06.01 11:28:14 -04'00' Date 6.1.22

College Curriculum Committee Chair  Date 8.31.22  
(or Dean if no college curriculum committee)

Graduate Council Chair  Date 9/30/22

NOTE: please complete information required on the following pages before obtaining signatures above.

## Request for Graduate Non-Curricular Changes – Page 2

1. **Current Catalog Description (if applicable):** Please insert the catalog description from the current catalog for entries you would like to change.

### Admission Requirements

Students already enrolled in the Counseling program, in the Clinical Mental Health Counseling area of emphasis, should submit to the Counseling Program a Secondary Program Request form: [www.marshall.edu/graduate/secondary-program-request-form](http://www.marshall.edu/graduate/secondary-program-request-form). Prospective VoLT Certificate students should apply for admission to Marshall University as a VoLT Certificate student. It is expected that enrollees of the VoLT Certificate will be engaged in clinical practice or some support aspect of direct client service and/or intervention where family violence, bereavement, or trauma have been identified or suspected.

Admission requirements for the certificate program include the following:

Concurrent enrollment in a Master's degree in counseling, social work, psychology, or related field, OR

A master's degree in counseling, social work, psychology, or related field, AND

Departmental approval.

## Request for Graduate Non-Curricular Changes - Page 3

- 2 **Edits to current description:** Attach or insert a PDF copy of the current catalog description prepared in MS WORD with strikethroughs to mark proposed deletions and use the highlight function to indicate proposed new text.

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Admission requirements for the certificate program include the following:

Concurrent enrollment in a Master's degree in counseling, social work, psychology, or related field,  
OR

A master's degree in counseling, social work, psychology, or related field.

Additionally, a graduate GPA of at least 3.5 based on at least 12 semester credit hours (4 courses),  
AND

Departmental approval.

*Also, please see attached Word Document.*

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### Request for Graduate Non-Curricular Changes - Page 4

3. New Catalog Description: Provide a "clean" copy of your proposed description without strikethroughs or highlighting. This should be what *you* are proposing for the new description.

#### Admission Requirements

Students already enrolled in the Counseling program, in the Clinical Mental Health Counseling area of emphasis, should submit to the Counseling Program a Secondary Program Request form: <https://www.marshall.edu/graduate/current-students/forms-and-information/>. Prospective VoLT Certificate students should apply for admission to Marshall University as a VoLT Certificate student. It is expected that enrollees of the VoLT Certificate will be engaged in clinical practice or some support aspect of direct client service and/or intervention where family violence, bereavement, or trauma have been identified or suspected.

Admission requirements for the certificate program include the following:

Concurrent enrollment in a Master's degree in counseling, social work, psychology, or related field,  
OR

A master's degree in counseling, social work, psychology, or related field.

Additionally, a graduate GPA of at least 3.5 based on at least 12 semester credit hours (4 courses),  
AND

Departmental approval.

### Request for Graduate Non-Curricular Changes

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College: Pharmacy

Dept/Division: Pharmaceutical Sciences

Contact Person: Timothy Long

Phone: 3046967393

Rationale for Request:

This proposal is to change the admission and graduation requirements for an M.A. in Pharmaceutical Sciences (non-thesis). This change will mirror the admission, coursework and credit hours requirements for its sister M.S. program (thesis) in the School of Pharmacy.

*Note Change Next Page. DSD*

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.  
NOTE: all requests may not require all signatures.

Department/Division Chair Boyd Rorabaugh Digitally signed by Boyd Rorabaugh Date: 2022.08.24 15:47:32 -04'00' Date 8/24/22

Registrar *William...* Date 8/25/2022

College Curriculum Committee Chair *[Signature]* Date 8/25/2022  
(or Dean if no college curriculum committee)

Graduate Council Chair *[Signature]* Date 9/30/22

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## Request for Graduate Non-Curricular Changes

PLEASE USE THIS FORM FOR ALL NON-CURRICULAR CHANGE REQUESTS (changes in admission requirements or requirements for graduation, changes in existing or new policies/procedures, changes in program descriptions in catalog, general language changes in catalog).

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3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: Pharmacy Dept/Division: Pharmaceutical Sciences

Contact Person: Timothy Long Phone: 3046967393

Rationale for Request:

This proposal is to change the admission and graduation requirements for an M.A. in Pharmaceutical Sciences (non-thesis). This change will mirror the admission, coursework and credit hours requirements for its sister M.S. program (thesis) in the School of Pharmacy.

The reduction in the credit hour from 37 to 32 is proposed because it was felt that the degree requirements and mastery of pharmaceutical sciences knowledge can be achieved with fewer credit hours. We also believe it will make the program more competitive with other master's degree programs with the reduction. In a survey of pharmaceutical science programs on PharmGrad, all require less than 37 credits to complete the degree. Examples include Pittsburgh (30), Wayne State Univ. (30), Auburn (30), Univ. Cincinnati (30), Mercer (30), Buffalo (30), Rhode Island (30), Creighton (33), Campbell (35), Maryland (35)

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Department/Division Chair \_\_\_\_\_ Date \_\_\_\_\_

Registrar \_\_\_\_\_ Date \_\_\_\_\_

College Curriculum Committee Chair \_\_\_\_\_ Date \_\_\_\_\_  
(or Dean if no college curriculum committee)

Graduate Council Chair \_\_\_\_\_ Date \_\_\_\_\_

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## Request for Graduate Non-Curricular Changes – Page 2

1. **Current Catalog Description (if applicable):** Please insert the catalog description from the current catalog for entries you would like to change.

See Attachment

## Request for Graduate Non-Curricular Changes – Page 3

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See Attachment

## Request for Graduate Non-Curricular Changes – Page 4

3. **New Catalog Description:** Provide a “clean” copy of your proposed description without strikethroughs or highlighting. This should be what you are proposing for the new description.

See Attachment

## Request for Graduate Non-Curricular Changes – Page 5

Please insert below your proposed change information for the Graduate Council agenda.

Type of change request: Change graduation requirements

Department: Pharmaceutical Sciences

Degree program: M.A. Pharmaceutical Sciences

Effective date (fall/spring/summer, year): **spring 2023**

## 1. Current catalog description

### PHARMACEUTICAL SCIENCES, M.A. (NON-THESIS OPTION)

#### Program Description

The Department of Pharmaceutical Sciences at the Marshall University School of Pharmacy offers the Master of Arts (M.A.) (non-thesis option). The M.A. degree track prepares students for further graduate study or employment in the pharmaceutical sciences.

#### Admission Requirements

Applicants should follow the admissions process described in this catalog or at the Graduate Admissions website at [www.marshall.edu/graduate/admissions/how-to-apply-for-admission](http://www.marshall.edu/graduate/admissions/how-to-apply-for-admission). Applicants are strongly encouraged to apply by April 1 for matriculation in the Fall semester or by October 1 for matriculation in the Spring semester. However, applications will be considered on a rolling basis as long as there is capacity remaining in the program.

Applicants should request that the following materials be sent directly to the Graduate Admissions Office:

- Two letters of recommendation from academic or professional references;
- Official transcripts from degree-granting institution (additional transcripts may be required at the discretion of the program).

Applicants must also have:

- An earned baccalaureate degree from an accepted, accredited institution with a degree GPA of 3.0 on a 4.0 scale. Prior to admission, prospective students must also complete an on-site or video interview.

#### Requirement for All Degrees

A Plan of Study approved by the student's advisor must be submitted for approval to the director of graduate studies before the student registers for his or her 12th semester hour. The Plan of Study is a student's "blueprint" for completing the graduation requirements.

#### M.A. Degree Requirements for Non-Thesis Option

- Students must complete the required graduate coursework as noted in the following section.
- Candidates must register for and participate in [MSPS 542](#) Science Seminars, Graduate Seminar, during each of the semesters in which they are actively enrolled in the graduate program.
- Not more than 4 hours of Graduate Seminar ([MSPS 542](#) Science Seminars) may be used to complete the M.A. program credit requirement.
- Not more than 4 semester hours credit in Independent Study or Special Topics can be used to complete the elective requirements.
- Successful completion of the master's in Pharmaceutical Sciences requires a GPA of 3.0 or higher, and no more than 6 credit hours of C grades may be applied to the total hours for graduation.

First Year

<b>FIRST SEMESTER</b>		<b>CREDIT HOURS</b>
<a href="#">PHAR 531</a>	Biopharmaceutics I	3
<a href="#">PHAR 521</a>	Integrated Laboratory I	2
<a href="#">MSPS 531</a>	Regulatory Affairs	3
<a href="#">MSPS 512</a>	Med Chem & Drug Disc	1
<a href="#">MSPS 542</a>	Science Seminars	1
	<b>Credit Hours</b>	<b>10</b>
<b>SECOND SEMESTER</b>		
<a href="#">PHAR 532</a>	Biopharmaceutics II	3
<a href="#">MSPS 513</a>	Biopharm 2	1
<a href="#">MSPS 542</a>	Science Seminars	1
<a href="#">BMR 664</a>	ORDRC Colloquim	1
<a href="#">MSPS 585</a>	Independent Study	3
	<b>Credit Hours</b>	<b>9</b>

Second Year

<b>THIRD SEMESTER</b>		
<a href="#">PHAR 631</a>	Pharmacometrics	3
<a href="#">MSPS 613</a>	Pharmacometrics Recitation	1
<a href="#">MSPS 612</a>	Pharm Analysis	1
<a href="#">MSPS 581</a>	Special Topics	3
<a href="#">MSPS 542</a>	Science Seminars	1
	<b>Credit Hours</b>	<b>9</b>
<b>FOURTH SEMESTER</b>		
<a href="#">MSPS 542</a>	Science Seminars	1
<a href="#">MSPS 581</a>	Special Topics	3
<a href="#">MSPS 632</a>	Prod Dev by Quality Design	3
Required Course - See Advisor 2		
	<b>Credit Hours</b>	<b>9</b>
	<b>Total Credit Hours</b>	<b>37</b>

## 2. Edits to current description

### PHARMACEUTICAL SCIENCES, M.A. (NON-THESIS OPTION)

#### Program Description

The Department of Pharmaceutical Sciences at the Marshall University School of Pharmacy offers the Master of Arts (M.A.) (non-thesis option). The M.A. degree track prepares students for further graduate study or employment in the pharmaceutical sciences.

#### Admission Requirements

~~Applicants should follow the admissions process described in this catalog or at the Graduate Admissions website at [www.marshall.edu/graduate/admissions/how-to-apply-for-admission](http://www.marshall.edu/graduate/admissions/how-to-apply-for-admission). Applicants are strongly encouraged to apply by April 1 for matriculation in the Fall semester or by October 1 for matriculation in the Spring semester. However, applications will be considered on a rolling basis as long as there is capacity remaining in the program.~~

~~Applicants should request that the following materials be sent directly to the Graduate Admissions Office:~~

- ~~• Two letters of recommendation from academic or professional references;~~
- ~~• Official transcripts from degree-granting institution (additional transcripts may be required at the discretion of the program).~~

~~Applicants must also have:~~

- ~~• An earned baccalaureate degree from an accepted, accredited institution with a degree GPA of 3.0 on a 4.0 scale. Prior to admission, prospective students must also complete an on-site or video interview.~~

#### Requirement for All Degrees

A Plan of Study approved by the student's advisor must be submitted for approval to the director of graduate studies before the student registers for his or her 12th semester hour. The Plan of Study is a student's "blueprint" for completing the graduation requirements.

#### M.A. Degree Requirements for Non-Thesis Option

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- ~~• Candidates must register for and participate in [MSPS 542](#) Science Seminars, Graduate Seminar, during each of the semesters in which they are actively enrolled in the graduate program.~~
- Not more than 4 hours of Graduate Seminar ([MSPS 542](#) Science Seminars) may be used to complete the M.A. program credit requirement.
- Not more than 4 semester hours credit in Independent Study or Special Topics can be used to complete the elective requirements.
- Successful completion of the master's in Pharmaceutical Sciences requires a GPA of 3.0 or higher, and no more than 6 credit hours of C grades may be applied to the total hours for graduation.



First Year

<b>FIRST SEMESTER</b>		<b>CREDIT HOURS</b>
<a href="#">PHAR 531</a>	Biopharmaceutics I	3
<a href="#">PHAR 521</a>	Integrated Laboratory I	2
<a href="#">MSPS 531</a>	Regulatory Affairs	3
<a href="#">MSPS 512</a>	Med Chem & Drug Disc	1
<a href="#">MSPS 542</a>	Science Seminars	1
-	<b>Credit Hours</b>	<b>10</b>
<b>SECOND SEMESTER</b>		
<a href="#">PHAR 532</a>	Biopharmaceutics II	3
<a href="#">MSPS 513</a>	Biopharm 2	1
<a href="#">MSPS 542</a>	Science Seminars	1
<a href="#">BMR 664</a>	ORDRC Colloquim	1
<a href="#">MSPS 585</a>	Independent Study	3
-	<b>Credit Hours</b>	<b>9</b>

Second Year

<b>THIRD SEMESTER</b>		
<a href="#">PHAR 631</a>	Pharmacometrics	3
<a href="#">MSPS 613</a>	Pharmacometrics Recitation	1
<a href="#">MSPS 612</a>	Pharm Analysis	1
<a href="#">MSPS 581</a>	Special Topics	3
<a href="#">MSPS 542</a>	Science Seminars	1
-	<b>Credit Hours</b>	<b>9</b>
<b>FOURTH SEMESTER</b>		
<a href="#">MSPS 542</a>	Science Seminars	1
<a href="#">MSPS 581</a>	Special Topics	3
<a href="#">MSPS 632</a>	Prod Dev by Quality Design	3
Required Course -- See Advisor 2		
-	<b>Credit Hours</b>	<b>9</b>
-	<b>Total Credit Hours</b>	<b>37</b>

### 3. New catalog description

#### PHARMACEUTICAL SCIENCES, M.A. (NON-THESIS OPTION)

##### Program Description

The Department of Pharmaceutical Sciences at the Marshall University School of Pharmacy offers the Master of Arts (M.A.) (non-thesis option). The M.A. degree track prepares students for further graduate study or employment in the pharmaceutical sciences.

##### Admission Requirements

Applications may be submitted under the Graduate applicant link on the Marshall University's Admissions website (<https://www.marshall.edu/admissions/apply/>).

Requirements for program admission include:

- An earned baccalaureate degree from an accepted, accredited institution with a recommended degree GPA of 3.0 on a 4.0 scale.
- Two letters of recommendation from academic or professional references
- Official transcripts from degree granting institution (additional transcripts may be required, at the discretion of the program)
- No entrance exam is required; however, a Graduate Record Exam (GRE) score may be submitted to strengthen an application.
- Complete an on-site or video interview.
- International applicants are required to have earned a Test of English as a Foreign Language (TOEFL) score of at least 80 or minimal score on an alternative test to demonstrate language proficiency. Please visit the international applicants website (<https://www.marshall.edu/admissions/graduate-proof-of-english-proficiency/>) for more information.

##### Requirement for All Degrees

A Plan of Study approved by the student's advisor must be submitted for approval to the Director of Graduate Studies before the student registers for his or her 12th semester hour. The Plan of Study is a student's "blueprint" for completing graduation requirements.

##### M.A. Degree Requirements for Thesis Option

- Students must complete the required 32 hours of graduate 500-800 level coursework with a minimum of 16 hours of 600 or higher level courses in any campus college or school.
- Not more than 4 hours of Graduate Seminar ([MSPS 542](#) Science Seminars) may be used to complete the M.A. program credit requirement.
- Not more than 4 semester hours credit in Independent Study or Special Topics can be used to complete the elective requirements.

The following core curriculum courses are required including four one-credit classes of MSPS 542 (credit hours: 14)

<u>Course No.</u>	<u>Course name</u>	<u>Credits</u>
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MSPS 561 or PHAR 531	Biopharmaceutics I	3
MSPS 562 or PHAR 532	Biopharmaceutics II	3
MSPS 544 or PHAR 544	Principles of Disease & Drug Action	4
MSPS 542	Seminar	1 x 4

Eighteen (18) credit hours of electives are required. Electives include, but are not limited to:

<b>Course No.</b>	<b>Course name</b>	<b>Credits</b>
MSPS 511	Graduate Research Seminar	1
MSPS 512	Medicinal Chemistry and Drug Discovery	1
MSPS 513	Biopharm 2	1
MSPS 514	Responsible Conduct of Research	1
MSPS 531	Regulatory Affairs	3
MSPS 581	Special Topics	1 to 3
MSPS 613	Biopharmaceutics II Recitation	1
MSPS 632	Product Development by Quality by Design	3
MSPS 685	Independent Study	1 to 3
MSPS 686	Problem Report	1 to 3
PHAR 523	Pharmacogenomics	2
PHAR 537	Pharmacokinetics	3
PHAR 542	Immunology and Microbiology	4
PHAR 547	Pharmaceutical Biochemistry	4
PHAR 635	Research Methods and Stats	3
PHAR 801	Special Topics I	1 to 6
PHAR 802	Special Topics II	1 to 6

a) Clarifying that MSPS 542 consists of four one-credit classes (instead of one four-credit class).

- Thank you for the recommendation. The following change was made in the Appendices.

The following core curriculum courses are required including four one-credit classes of MSPS 542 (credit hours: 14)

Course No.	Course name	Credits
MSPS 561 or PHAR 531	Biopharmaceutics I	3
MSPS 562 or PHAR 532	Biopharmaceutics II	3
MSPS 544 or PHAR 544	Principles of Disease & Drug Action	4
MSPS 542	Seminar	1 x 4

b) Delete the following section (strike-through) to avoid potential registration for a fifth semester of MSPS 542 without the possibility of receiving financial aid. Timothy Long, author of the request, has suggested this solution: ~~Candidates must register for and participate in MSPS 542 Science Seminars, Graduate Seminar, during each of the semesters in which they are actively enrolled in the graduate program.~~ Not more than 4 hours of Graduate Seminar (MSPS 542 Science Seminars) may be used to complete the M.A. program credit requirement

- Thank you for the recommendation. The following change was made in the Appendices to removed this requirement.

**M.A. Degree Requirements for Non-Thesis Option**

- Students must complete the required graduate coursework as noted in the following section.
- ~~Candidates must register for and participate in MSPS 542 Science Seminars, Graduate Seminar, during each of the semesters in which they are actively enrolled in the graduate program.~~
- Not more than 4 hours of Graduate Seminar (MSPS 542 Science Seminars) may be used to complete the M.A. program credit requirement.
- Not more than 4 semester hours credit in Independent Study or Special Topics can be used to complete the elective requirements.
- Successful completion of the master's in Pharmaceutical Sciences requires a GPA of 3.0 or higher, and no more than 6 credit hours of C grades may be applied to the total hours for graduation.

c) The committee feels that the rationale for the quite substantial changes is valid, but somewhat weak (mirroring of sister degree). We recommend a brief elaboration, for instance commenting on how the reduction from 37 to 32 credit hours will benefit the program.

- Thank you for the recommendation. The following change was made in the Non-curricular Changes form. The credit hours for other Master's in Pharmaceutical Sciences programs was obtained from <https://www.pharmgrad.org/program-directory/graduate-directory>

**Rationale for Request:**

This proposal is to change the admission and graduation requirements for an M.A. in Pharmaceutical Sciences (non-thesis). This change will mirror the admission, coursework and credit hours requirements for its sister M.S. program (thesis) in the School of Pharmacy.

The reduction in the credit hour from 37 to 32 is proposed because it was felt that the degree requirements and mastery of pharmaceutical sciences knowledge can be achieved with fewer credit hours. We also believe it will make the program more competitive with other master's degree programs with the reduction. In a survey of pharmaceutical science programs on PharmGrad, all require less than 37 credits to complete the degree. Examples include Pittsburgh (30), Wayne State Univ. (30), Auburn (30), Univ. Cincinnati (30), Mercer (30), Buffalo (30), Rhode Island (30), Creighton (33), Campbell (35), Maryland (35)

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**Request for Graduate Non-Curricular Changes - Page 5**

Please insert below your proposed change information for the Graduate Council agenda.

Type of change request

**Clarification of Vol T Certificate Admission Requirements**

Department:

**Counseling Program**

Degree program:

**Violence, Loss, and Trauma Certificate**

Effective date (fall/spring/summer, year): **Spring 2023**