

Approved for
Cap 15



Proposed course title	Art and Perception
Proposed course department and number	ART 177
Proposed course department and number	ART 177
How many credit hours is the course?	3
Contact person or instructor(s) for this course	Lenore Metrick-Chen
Department submitting proposal	Art & Design
Has this course been approved by the department?	Yes
In what semester and year will this new course be taught for the first time?	Fall 2017
With what frequency will this course be taught?	every two years or so
Who else in the department is qualified to teach this course	no one
If this course was taught as a special topics course in the past, please provide that course number and title.	It was taught as an independent study for 8 students

Schedule type	Discussion
Offer to what levels of students	Undergraduate Graduate Pharmacy Law Non-degree
Grading Categories	Standard ABC
Maximum number of students to be enrolled in proposed course	12
Proposed course description (as it will appear in the catalog)	<p>The Oxford dictionary defines perception as: “a way of regarding, understanding or interpreting something: a mental impression.” This class explores the importance of perception as applied to the visual arts. For instance, questions addressed might include: What separates Chinese aesthetic from Nigerian aesthetic from Renaissance aesthetic? How does a modern-day viewer’s perception include all of these divergent forms of art --and more? How are found objects perceived to be considered Art? How does a 2D surface convey a 3D illusion? The course will be reading intensive and will involve the curation of an exhibition or an alternate engagement with art objects to convey manners of perception. The class is discussion based; students will be required to do reading each week and respond to the text in writing and with images of art. Additionally, notes will be required on each reading to have more in-depth discussions. The note taking will be mandatory. The reading list will change each year, depending on the idea of perception being pursued, but the core list will include: Walter Benjamin (of course!) Lewis Carroll Franz Kafka Le Zehou Barbara Stafford Tang Hou</p>
List any required prerequisites.	any previous art or philosophy classes
Are there service-learning components of the proposed course?	Yes
Which AOI requirement will this course fulfill?	Artistic Experience

Include only students from these colleges	No restrictions
Exclude only students from these colleges	No restrictions
Are there major exclusions for this course?	No
Include only students in this class	SO JR SR
Exclude only students in this class	FR
The Arts & Sciences Curriculum Committee evaluates new course proposals in keeping with the educational goals articulated in the college's mission statement. The course proposal form is not complete until you email a sample syllabus to ask.as@drake.edu. The syllabus must include the following:	Yes, I will email the syllabus to ask.as@drake.edu .

Proposed course title	Vocal Coaching
Proposed course department and number	MUS 171- L
Proposed course department and number	MUS 171-L
How many credit hours is the course?	0
Contact person or instructor(s) for this course	Stefano Vignati
Department submitting proposal	Music Dept. - Voice Area
Has this course been approved by the department?	Yes
In what semester and year will this new course be taught for the first time?	Was taught as an extension of MUS 171 all sections (Studio Voice) in Fall 2016/Spring 2017.
With what frequency will this course be taught?	Fall and Spring Semesters
Who else in the department is qualified to teach this course	no one
If this course was taught as a special topics course in the past, please provide that course number and title.	N/A

Schedule type	Lab
Offer to what levels of students	Undergraduate
Grading Categories	Credit/no credit
Maximum number of students to be enrolled in proposed course	30
Proposed course description (as it will appear in the catalog)	<p>Course Description: This laboratory course, in conjunction with MUS 171, Studio Voice, is designed to provide additional instruction to voice majors in the areas of musicianship, language and performance to further prepare them for the professional world. Students will gain knowledge and strive for competency in the following areas: • Character interpretation and stage deportment • Score study • Interpretation of the music according to tradition, period, style, etc... (musical context) • Language and text comprehension • Diction and foreign language skills (classical singing languages – Italian, German, French) • Assistance with ornamentation and variations consistent with period and tradition • Study of recitativo (in particular, XVII-XIX century Italian recitativi) • Preparation for auditions and performance</p>
List any required prerequisites.	N/A
List any required corequisites.	MUS 171
Indicate with which course this would be cross listed, if applicable.	MUS 171
Are there service-learning components of the proposed course?	No
Which AOI requirement will this course fulfill?	None

Include only students from these colleges	AS
Exclude only students from these colleges	JO BN PH ED LW
Are there major exclusions for this course?	No
Include only students in this class	No class restrictions
Exclude only students in this class	No class restrictions
If applicable, note which particular degree (e.g. BA, BS, BFA) a student must be pursuing to take this course.	VOICE- BM, BA, BME, MUS BUS
The Arts & Sciences Curriculum Committee evaluates new course proposals in keeping with the educational goals articulated in the college's mission statement. The course proposal form is not complete until you email a sample syllabus to ask.as@drake.edu. The syllabus must include the following:	Yes, I will email the syllabus to ask.as@drake.edu.

Approved

Proposed course title	Neurochemistry
Proposed course department and number	NSCI 126
Proposed course department and number	NSCI 126
How many credit hours is the course?	3
Contact person or instructor(s) for this course	Christopher Kliethermes
Department submitting proposal	Psychology & Neuroscience
Has this course been approved by the department?	Yes
In what semester and year will this new course be taught for the first time?	Spring 2016
With what frequency will this course be taught?	Every 1-2 years
Who else in the department is qualified to teach this course	N/A
If this course was taught as a special topics course in the past, please provide that course number and title.	NSCI 195 Neurochemistry

Schedule type	Lecture
Offer to what levels of students	Undergraduate
Grading Categories	Standard ABC
Maximum number of students to be enrolled in proposed course	24
Proposed course description (as it will appear in the catalog)	This course focuses on the chemical and molecular basis of neural transmission in the brain. Topics include mechanisms of neurotransmitter synthesis, vesicular packaging and release, signaling through ionotropic and metabotropic receptors, intracellular signaling mechanisms, hormones and growth factors, synaptic plasticity, and the neurochemical underpinnings of selected psychiatric and neurological disease.
List any required prerequisites.	CHEM 97, CHEM 108, and BIO 12 or NSCI 1
Are there service-learning components of the proposed course?	No
Which AOI requirement will this course fulfill?	None
Include only students from these colleges	No restrictions
Exclude only students from these colleges	No restrictions
Are there major exclusions for this course?	No
Include only students in this	JR

class SR

Exclude only students in this class FR

If applicable, note which particular degree (e.g. BA, BS, BFA) a student must be pursuing to take this course. N/A

The Arts & Sciences Curriculum Committee evaluates new course proposals in keeping with the educational goals articulated in the college's mission statement. The course proposal form is not complete until you email a sample syllabus to ask.as@drake.edu. The syllabus must include the following:

Yes, I will email the syllabus to ask.as@drake.edu.

Proposed course title	Religion and Science
Proposed course department and number	PHIL 148, REL 148
Proposed course department and number	PHIL 148, REL 148
How many credit hours is the course?	3
Contact person or instructor(s) for this course	Tim Knepper
Department submitting proposal	Philosophy and Religion
Has this course been approved by the department?	Yes
In what semester and year will this new course be taught for the first time?	F17
With what frequency will this course be taught?	every other year
Who else in the department is qualified to teach this course	Karen Zwier, Martin Roth
If this course was taught as a special topics course in the past, please provide that course number and title.	PHIL/REL 151: Religion and Science

Schedule type	Lecture
Offer to what levels of students	Undergraduate
Grading Categories	Standard ABC
Maximum number of students to be enrolled in proposed course	20 (honors x-list)
Proposed course description (as it will appear in the catalog)	<p>What is Science? What is Religion? Why has there been so much conflict in western history between these cultural forces, and is such conflict inevitable? Do religious believers who speak about science or scientists who speak about religion overstep the legitimate boundaries of their respective disciplines? This course offers an examination of these and other questions. We will begin with an introduction to several perspectives and terms that will shape our discussion, and then we will proceed with a historical survey of the interaction of science and religion in western culture. Students who successfully complete this course will achieve a greater knowledge of the history of science and religion, sharpened skills for analyzing the nature of both the scientific enterprise and religious thought and practices, and a cultivated awareness of how science and religion continue to interact in contemporary American society to shape public policy and perceptions.</p>
List any required prerequisites.	none
List any required corequisites.	none
Indicate with which course this would be cross listed, if applicable.	PHIL148/REL148/HONR148
Are there service-learning components of the proposed course?	No
Which AOI	Historical Foundation

requirement will this course fulfill?

Include only students from these colleges

No restrictions

Exclude only students from these colleges

No restrictions

Are there major exclusions for this course?

No

Include only students in this class

SO
JR
SR

Exclude only students in this class

FR

If applicable, note which particular degree (e.g. BA, BS, BFA) a student must be pursuing to take this course.

n/a

The Arts & Sciences Curriculum Committee evaluates new course proposals in keeping with the educational goals articulated in the college's mission statement. The course proposal form is not complete until you email a sample syllabus to ask.as@drake.edu. The syllabus must

Yes, I will email the syllabus to ask.as@drake.edu.

include the following:

Current course title	Spirit of Mathematics
Current department and number	Math 17
Contact person or instructor(s) for this course	Lawrence Naylor
Department submitting change request	Mathematics and Computer Science
Semester changes effective	Fall 2017
Has this change been approved by the department?	Yes
Current course description	<p>The nature of the topics will vary but will expose students to a wide variety of mathematics. Topics from advanced mathematics will be included but will be presented at a level appropriate to college students who do not have an extensive mathematical background. Topics considered for current versions of the course include financial mathematics, fractals, chaos, environmental mathematics, conceptions of space, the nature of infinity, encryption techniques and topics from the history of mathematics. Among the mathematical techniques that will be used: functions and equations (exponential, linear and quadratic); difference equations; equation solving techniques (algebraic and technological); problem solving and mathematical reasoning techniques; basic probability and statistics; graphical analysis; geometrical analysis; the concept of infinity. Prereq.: None.</p>
Proposed course description	<p>The nature of the topics will vary but will expose students to a wide variety of mathematics. Topics from advanced mathematics will be included but will be presented at a level appropriate to college students who do not have an extensive mathematical background. Topics will be chosen from a wide array of applications, such as financial mathematics, fractals, chaos, environmental mathematics, conceptions of space, the nature of infinity, encryption techniques and topics from the history of mathematics. Among the mathematical techniques that may be used: functions and equations (exponential, linear and quadratic); difference equations; equation solving techniques (algebraic and technological);</p>

problem solving and mathematical reasoning techniques; basic probability and statistics; graphical analysis; geometrical analysis; the concept of infinity. This course is not intended for STEM or business majors, or for students with previous credit in a college math course. Students who have taken previous college math must get the approval of the instructor. This course does not satisfy the prerequisites of any math courses. Prereq.: None.

**Rationale for change
of course
description**

In recent semesters we have had problems with students who have had several math courses registering for the course--sometimes even upper level math and other STEM majors. This course is not intended for them, but for the students who have little background or skill in math. Having advanced students in there is very detrimental to the classroom environment--it is very intimidating to the other students. There have been isolated cases of math ed students taking this after having taken some math here, but in those cases it has been beneficial for the student. Hence, we propose leaving this to the approval of the instructor. This change also makes it clear that this class does not prepare students for any other math or STEM course.
