

Cover Sheet: Request 12856

Autism Spectrum Disorder Certificate

Info

Process	Certificate New Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Czerne Reid czerne@ufl.edu
Created	7/11/2018 1:17:56 PM
Updated	3/19/2019 8:51:08 AM
Description of request	This 12-credit interdisciplinary autism spectrum disorder certificate addresses characteristics, diagnosis, neurobiology, treatment, and transition to adulthood. Elective courses may also be offered. The certificate is appropriate for individuals in a wide range of fields including, nursing, medicine, psychology, education, public health, and allied health. Caregivers also will benefit.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	MED - Psychiatry 312912000	Regina Bussing		7/12/2018
External consult request sent to College of Education.pdf					7/11/2018
External consult request sent to College of Public Health and Health Professions.pdf					7/11/2018
Letter of Support from UF Department of Psychology.pdf					7/11/2018
College	Approved	MED - College of Medicine	Joseph Fantone		7/12/2018
No document changes					
Office of Institutional Planning and Research	Approved	PV - Office of Institutional Planning and Research	Cathy Lebo		1/14/2019
COE External Consultation ASD courses.pdf					12/8/2018
Associate Provost for Undergraduate Affairs	Approved	PV - APUG Review	Casey Griffith		1/16/2019
No document changes					
University Curriculum Committee	Commented	PV - University Curriculum Committee (UCC)	Lee Morrison	Added to February agenda.	2/13/2019
No document changes					
University Curriculum Committee	Recycled	PV - University Curriculum Committee (UCC)	Casey Griffith	Please provide full catalog copy of proposed certificate.	2/19/2019
No document changes					
Associate Provost for Undergraduate Affairs	Recycled	PV - APUG Review	Casey Griffith	Please recycle to college	2/19/2019
No document changes					
Office of Institutional Planning and Research	Approved	PV - Office of Institutional Planning and Research	Wanda Garfield	Request was approved per Casey Griffith's request.	2/26/2019
No document changes					
Associate Provost for Undergraduate Affairs	Approved	PV - Associate Provost for Undergraduate Affairs	Casey Griffith		2/26/2019

Step	Status	Group	User	Comment	Updated
No document changes					
University Curriculum Committee	Commented	PV - University Curriculum Committee (UCC)	Lee Morrison	Added to March 3-19 agenda.	3/15/2019
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			3/15/2019
No document changes					
Office of the Registrar					
No document changes					
OIPR Notified					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
Academic Assessment Committee Notified					
No document changes					
College Notified					
No document changes					

Certificate|New for request 12856

Info

Request: Autism Spectrum Disorder Certificate

Description of request: This 12-credit interdisciplinary autism spectrum disorder certificate addresses characteristics, diagnosis, neurobiology, treatment, and transition to adulthood. Elective courses may also be offered. The certificate is appropriate for individuals in a wide range of fields including, nursing, medicine, psychology, education, public health, and allied health. Caregivers also will benefit.

Submitter: Czerne Reid czerne@ufl.edu

Created: 2/13/2019 1:39:09 PM

Form version: 3

Responses

Certificate Name Autism Spectrum Disorder

Transcript Title Autism Spectrum Disorder

Credits 12

Level Professional

CIP Code 13.1001

Degree Program Applied Behavior Analysis

Effective Term Earliest Available

Effective Year Earliest Available

Certificate Description This 12-credit interdisciplinary autism spectrum disorder certificate addresses characteristics, diagnosis, neurobiology, treatment, and transition to adulthood. Elective courses may also be offered. The certificate is appropriate for individuals in a wide range of fields including, nursing, medicine, psychology, education, public health, and allied health. Caregivers also will benefit.

Requirements for Admission Bachelor's degree from an accredited institution or professional credential equivalent.

Requirements for Completion Students need to complete the following 12 credits:

GMS 6XXX: Introduction to Autism Spectrum Disorder (3 credits) Letter graded.

GMS 6XXX: Treatment and Intervention in Autism Spectrum Disorder (3 credits) Letter graded.

GMS 6XXX: Neurobiology of Autism Spectrum Disorder (3 credits) Letter graded.

GMS 6XXX: Autism Spectrum Disorder Supports and Services across the Lifespan (3 credits) Letter graded.

The following electives may be also offered as appropriate:

GMS 6XXX: Field-based Experience (1-6 credits, repeatable, maximum of 9 credits allowed) S/U

GMS 6XXX: Special Topics (1-3 credits) Letter graded

Rationale and Place in Curriculum More than 744 million people worldwide, and 3.5 million Americans, including 200,000 in Florida alone, have been diagnosed as having Autism Spectrum Disorder (ASD), according to the U.S. Centers for Disease Control (CDC). ASD is a lifelong developmental disability that is characterized by a range of social, communication and behavioral challenges and symptoms. Persons with ASD have abilities on a spectrum from gifted to severely impaired. Whereas some individuals with ASD need assistance with daily life skills, others lead relatively or completely independent lives.

This Certificate is needed at the University of Florida because ASD is so prevalent in our society that professionals in diverse fields including psychology, medicine, education, nursing, mental health, public health and business need training in order to have successful interactions with their patients, clients, customers and employees who have ASD.

The growing awareness of ASD and the needs surrounding it are evidenced at UF, for example, by student-led organizations that support individuals with autism in the community and university-based resources designed to meet the need of students with ASD. Clients served by the University of Florida Center for Autism and Related Disabilities (UF CARD) include UF faculty, staff and students as well as individuals from other Florida colleges and universities.

This certificate provides formal curricular training as a foundation for providing improved care, policymaking, support and resources for people living with ASD and their families. In this light, this

certificate is appropriate not just for educational institutions, but also for businesses, faith-based organizations, other nonprofit organizations, policy makers and other stakeholders.

UF is well poised to offer this critically-needed training because of the breadth of its expertise in related basic science and clinical research, education and patient care, as well as infrastructure and resources. UF recently hired Preeminent Scholars with expertise in autism. UF CARD has provided resources, training and assistance to professionals in Florida for the past quarter century. Instructors in this certificate program are highly qualified faculty and staff from the College of Medicine, Department of Psychiatry who lead the UF CARD. All four of the main instructors have PhDs in Education or Psychology and many years working in the field of autism. Included are the Executive Director, Director, Associate Director and Assistant Director, respectively, of UF CARD, who are recognized throughout Florida, the U.S. and the world as leaders in the field. Guest instructors and collaborators will include other leaders in the field from UF and around the U.S.

Student Learning Outcomes All outcomes listed below will be assessed across the program (component courses will each assess a subset of the list).

1. Discuss historical and global trends in ASD prevalence and diagnosis
2. Outline the characteristics of ASD and associated conditions
3. Describe formal and informal strategies for assessment of the following domains: speech and language, communication, social-emotional, psycho-motor, sensory, and cognitive areas of development
4. Recognize the instruments and processes used for a comprehensive evaluation
5. Outline issues related to family and community living for individuals with ASD
6. Outline issues related to service provision across contexts for individuals with ASD
7. Distinguish the core features, associated conditions and co-morbid disorders associated with ASD
8. Classify the multiple lines of evidence that support a genetic etiology of ASD
9. Identify risk factors for ASD
10. Identify key biomarkers from both peripheral systems as well as the central nervous system associated with ASD
11. Classify key brain regions and neural circuitry by the core features associated ASD
12. Illustrate key neurobiological mechanisms that appear to mediate the development of ASD-like behaviors that have been identified from specific animal models of ASD
13. Create a plan for implementing evidence-based practices for an individual with ASD given presenting characteristics
14. Explain how to use preventative strategies to create a supportive learning environment for individuals with ASD
15. Use the principles of applied behavior analysis to assess and develop programs to address the challenging behaviors of individuals with ASD
16. Identify communication and language challenges often associated with individuals with autism and implement appropriate strategies to foster the development of language and social skills in both structured and naturalistic learning situations
17. Describe several well-known teaching programs for autism, including explaining the pros and cons of each methodology
18. Evaluate, compare, contrast evidence-based medical treatments in ASD
19. Describe education and treatment outcomes for individuals with ASD
20. Explain methods and procedures for supporting families and caregivers
21. Discuss healthcare and co-morbidity issues associated with autism across the lifespan
22. Create person-centered plans for the transition to adult life

AUTISM SPECTRUM DISORDER CERTIFICATE

The online, 12-credit interdisciplinary Autism Spectrum Disorder Certificate addresses characteristics, diagnosis, neurobiology, treatment, and transition to adulthood. Elective courses may also be offered. The certificate is appropriate for individuals in a wide range of fields including, nursing, medicine, psychology, education, public health, and allied health. Caregivers also will benefit.

ABOUT THIS PROGRAM

College: Medicine

Department: Psychiatry

Contact: [Email Academic Assistant](#); 352.294.5565

Related Department of Psychiatry Online Programs

Overview

Students must have a bachelor's degree from an accredited institution, or professional credential equivalent

REQUIRED COURSES

GMS 6XXX	Introduction to Autism Spectrum Disorder	3
GMS 6XXX	Treatment and Intervention in Autism Spectrum Disorder	3
GMS 6XXX	Neurobiology of Autism Spectrum Disorder	3
GMS 6XXX	Autism Spectrum Disorder Supports and Services across the Lifespan	3
Total Credits		12

The following courses may be taken by students wishing to gain practical field experience. They are not required for the certificate:

GMS 6XXX	Field-based Experience	1-6 (repeatable, max 9)
GMS 6XXX	Special Topics	1-3

RELATED DEPARTMENT OF PSYCHIATRY ONLINE PROGRAMS

- [Addiction and Recovery Certificate](#)
- GMS 6873 Introduction to Medical Bioethics
- GMS 6874 Introduction to Medicine and the Law
- MDU 4003 Introduction to the Professions of Medicine
- MDU 4004 Physician Shadowing
- MDU 4031 Medical Bioethics
- MDU 4061 Medicine and the Law

External Consultation Results (departments with potential overlap or interest in proposed course, if any)

Department	Name and Title
_____	_____
Phone Number	E-mail
_____	_____
Comments	

Department	Name and Title
_____	_____
Phone Number	E-mail
_____	_____
Comments	

Department	Name and Title
_____	_____
Phone Number	E-mail
_____	_____
Comments	

Reid,Czerne M

From: Lewis,Mark Henry <marklewis@UFL.EDU>
Sent: Friday, June 29, 2018 10:16 AM
To: Reid,Czerne M
Subject: FW: on-line graduate certificate in autism
Attachments: UF Graduate Certificate in ASD Program and Course descriptions.pdf; External Consultation_Blank.pdf

Mark H. Lewis, Ph.D.
Professor of Psychiatry, Neuroscience and Psychology
Co-Vice Chair for Research
Executive Director, Center for Autism and Related Disabilities
Department of Psychiatry
McKnight Brain Institute
University of Florida
Gainesville, FL 32611
Tel #: 352-294-4951
FAX #: 352-294-0425

From: Lewis,Mark Henry
Sent: Thursday, May 10, 2018 2:09 PM
To: Waldron,Nancy L <waldron@coe.ufl.edu>
Cc: Conroy,Maureen <mconroy@coe.ufl.edu>
Subject: on-line graduate certificate in autism

Dr. Waldron:

We are developing an on-line graduate certificate program in autism to be offered through the College of Medicine, Department of Psychiatry. I have attached the Program and Course descriptions for your review. I have spoken with Dr. Conroy about this initiative, and I would be grateful to have your comments. In order to move forward, we need to solicit external consultation, and, so, I would like to ask for your written feedback on the proposed program and courses. You are welcome to use the attached form, but if you prefer to just send comments in an email, that is fine too. In particular, if you feel that such course offerings and certification would be useful and valuable to graduate students in your Department, I would very much appreciate your providing a statement to that effect as well.

Many thanks for your assistance. If you have any questions, or would like any additional information, please let me know.

Best,
Mark

Mark H. Lewis, Ph.D.
Professor of Psychiatry, Neuroscience and Psychology
Co-Vice Chair for Research
Executive Director, Center for Autism and Related Disabilities
Department of Psychiatry
McKnight Brain Institute

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Gainesville, FL 32611
Tel #: 352-294-4951
FAX #: 352-294-0425

Reid,Czerne M

From: Lewis,Mark Henry
Sent: Friday, June 29, 2018 10:15 AM
To: Reid,Czerne M
Subject: FW: asd on-line graduate certification

Mark H. Lewis, Ph.D.
Professor of Psychiatry, Neuroscience and Psychology
Co-Vice Chair for Research
Executive Director, Center for Autism and Related Disabilities
Department of Psychiatry
McKnight Brain Institute
University of Florida
Gainesville, FL 32611
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FAX #: 352-294-0425

From: Nittrouer,Susan
Sent: Tuesday, May 08, 2018 9:27 PM
To: Lewis,Mark Henry <marklewis@UFL.EDU>
Subject: Re: asd on-line graduate certification

Dear Mark:

I think a certificate in autism is a great idea! Let me have a look at this tomorrow, and I will get back you with specifics regarding a letter.

All my best.

Susan

From: Lewis,Mark Henry <marklewis@UFL.EDU>
Sent: Tuesday, May 8, 2018 4:20 PM
To: Nittrouer,Susan
Subject: asd on-line graduate certification

Hi Susan:

As I mentioned at the presentation on Thursday, we are developing an on-line graduate certificate program in autism to be offered through the College of Medicine, Department of Psychiatry. I have attached the Program and Course descriptions for your review. I would be grateful to have your comments. We need to solicit external consultation, which means asking for your written feedback on the proposed program and courses. You are welcome to use the attached form, but if you prefer to just send comments in an email then that is fine too. In particular, if you feel that such course offerings and certification would be useful and valuable to graduate students in your Department, I would very much appreciate your providing a statement to that effect.

Many thanks for your help.

Best,
Mark

Mark H. Lewis, Ph.D.
Professor of Psychiatry, Neuroscience and Psychology
Co-Vice Chair for Research
Executive Director, Center for Autism and Related Disabilities
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College of Liberal Arts & Sciences
Department of Psychology
Behavioral and Cognitive Neuroscience Program

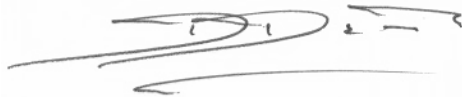
945 Center Drive
PO Box 112250
Gainesville, FL 32611-2250
352-273-2174 Phone
352-392-7985 Fax

Dear Dr. Lewis,

I have read your description of the proposed new Graduate Certificate program in Autism with great interest. In the Department of Psychology (as you know), we have five graduate training programs, representing students with a diverse set of research and professional interests. Many of our students have interests in autism and related neurodevelopmental disorders. This is especially true in the Developmental Psychology, Behavior Analysis, and Behavioral and Cognitive Neuroscience graduate training programs. Accordingly, we have a substantial number of students who would be interested in taking some of all of your courses. Some of our students may wish to complete the Graduate Certificate in Autism on their way to completing their doctoral degrees.

Thank you for your efforts in organizing this exciting new proposal. I look forward to seeing its implementation. Please let me know if I can help in any way.

Sincerely,



Darragh P. Devine, Ph.D.
Professor
Graduate Coordinator, Department of Psychology
Director, Behavioral and Cognitive Neuroscience
dpdevine@ufl.edu