From: Smith, Randy

To: <u>Lindsey, Alexander; Osborne, Jeanne</u>

Cc: Sutherland, Sue; Reed, Katie; Smith, Randy; Griffiths, Rob; Duffy, Lisa; Hunt, Ryan; Karcher, Doug

Subject: Proposal to establish an UG Academic Certificate in Plant Breeding

Date: Friday, September 19, 2025 9:23:13 AM

Attachments: <u>image001.png</u>

Alex and Jeanne:

The proposal from the Department of Horticulture and Crop Science to establish an Undergraduate Academic Certificate (categories 1a and 2) in Plant Breeding was approved by the Council on Academic Affairs at its meeting on September 17, 2025. Thank you for attending the meeting to respond to questions/comments.

No additional level of internal review/approval is necessary. This action will be included in the Council's next <u>Annual Activities Report</u> to the University Senate (July 2026).

The Office of the University Registrar will work you with any implementation issues.

Please keep a copy of this message for your file on the proposal and I will do the same for the file in the Office of Academic Affairs.

If you have any questions please contact the Chair of the Council, Professor Sue Sutherland (.43), or me.

I wish you success with this important program development.

Randy



W. Randy Smith, Ph.D.

Vice Provost for Academic Programs
Office of Academic Affairs

University Square South, 15 E. 15th Avenue, Columbus, OH 43201 614-292-5881 Office

smith.70@osu.edu

Assisted by:

Katie Reed

Executive Assistant (614) 292-5672

From: Osborne, Jeanne
To: Smith, Randy

Cc: Reed, Katie; Violet, Cynthia; Barker, David; Lindsey, Alexander; Lewandowski, Monica

Subject: Category 1A and 2 Certificate: "Plant Breeding"

Date: Tuesday, May 20, 2025 9:56:56 AM

Attachments: <u>image001.pnq</u>

PlantBreeding certificate 19May2025.pdf

Dear Dr. Smith,

The College of Food, Agricultural, and Environmental Science (CFAES) is requesting Council on Academic Affairs approval of the attached proposal for a Category 1A and 2 Undergraduate Academic Certificate in 'Plant Breeding', proposed by the Department of Horticulture and Crop Science.

The proposed stand-alone certificate will provide students with knowledge of plant breeding using a curated list of courses from the Department as well as other units across the university (EEOB and MOLGEN), and responds to student interest in this subject area.

Included with the proposal are statements of concurrence from the School of Environment and Natural Resources, Department of Plant Pathology and Department of Food Science and Technology in CFAES, as well as interested units within the College of Arts and Sciences.

This Certificate Type 1A and 2 proposal was approved by the Academic Affairs Committee of the Department of Horticulture and Crop Science as well as the CFAES Committee on Academic Affairs.

Please let me know if any additional information is needed in support of this request.

Thank you,

Jeanne



Jeanne M. Osborne | Pronouns: She, Her, Hers

Assistant Dean for Academic Affairs College of Food, Agricultural, and Environmental Sciences 100E Agricultural Administration, 2120 Fyffe Rd. Columbus, OH 43210

Tel: 614-292-1734 Fax: 614-292-1218

e-mail: Osborne.2@osu.edu

'Unexpected kindness is the most powerful, least costly, and most underrated agent of human change' (Bob Kerrey)





202 Kottman Hall 2021 Coffey Rd Columbus, OH 43210

614-247-6258 Phone 614-292-7162 Fax

barker.169@osu.edu

May 19, 2025

Jeanne Osborne Assistant Dean, Academic Affairs 100 Agricultural Administration 2120 Fyffe Road Columbus, OH 43210

Dear Jeanne

The Department of Horticulture and Crop Science seeks approval for an undergraduate certificate in Plant Breeding (categories 1a and 2).

- Post-secondary Undergraduate Academic certificate programs (category 1a), intended for post-high school students seeking to earn a credential in a select topic area.. standalone (1a).
- Post-baccalaureate Undergraduate Academic Certificate programs (category 2). Intended
 for post-bachelor degree students seeking to earn a credential in a select topic area to
 supplement their undergraduate degree program.

This program utilizes a core capability with our faculty, in Plant Breeding, that is not offered by another department or unit at the university. This certificate includes courses relevant to the certificate that are offered in the Departments of Evolution, Ecology and Organismal Biology (EEOB), and Molecular Genetics (MolGen). Students have expressed interest in such a certificate program, and this certificate is available for all students in the university with appropriate pre-requisites.

The certificate was approved by unanimous vote at our Academic Affairs Committee meeting on February 17, 2025, and by affirmative vote from our faculty at the Faculty Meeting on March 21, 2025. This request includes all revisions requested as conditions of approval following the CFAES College of Academic Affairs (COAA) meeting on 4/23/2025.

Concurrence was requested and received from:

- Department of Plant Pathology (concurrence 4/21/2025, attached)
- Department of Food Science (concurrence 4/18/2025, attached)
- School of Environmental and Natural Resources (concurrence 4/9/2025, attached)
- College of Arts and Sciences Center for Life Science Education (concurrence 4/10/2025, attached)
- College of Arts and Sciences Microbiology and Molecular Genetics (concurrence 4/22/2025, attached)

Sincerely,

Dr David Barker

Professor and Associate Chair



Plant Breeding Certificate Program

Food, Agricultural, and Environmental Sciences 5/19/2025 Effective Spring 2026 Dr. Yu Ma, Coordinator 202 Kottman Hall 2021 Coffey Rd Phone (614) 292-3512 email ma.2578@osu.edu

The Plant Breeding (PB) certificate provides students with a comprehensive understanding of breeding in the plant sciences, including agronomy, horticulture and turf science. Upon completion of this certificate, students will have critical analytical skills that will help them begin a plant breeding career. The PB certificate requires a minimum of 12 credit hours drawn from core courses in the Departments of Horticulture and Crop Science and Molecular Genetics combined with an elective based on student preferences, which will allow tailoring of the certificate to specific fields.

Prerequisite Courses for the Certificate:			Credit Hours
BIOL	1101 or 1113	Introductory Biology Biological Sciences: Energy Transfer and Development	4
CHEM	1110 or 1210	Elementary Chemistry General Chemistry I	5
HCS	2260 (or equivalent data course)	Data Analysis and Interpretation for Decision Making	3
Required Courses (8	-9 cr hr <u>):</u>		
HCS	2202 or 2202E or	Form and Function in Cultivated Plants*	4
MOLGEN	3300	General Plant Biology	3
HCS	5325 or	Plant Genetics*	3
MOLGEN	4500	General Genetics	3
HCS	5825	Plant Breeding	2
Additional Supporti	ng Courses (select a minimum	of 3-4 credits* from the courses listed below):	
HCS	4193, or 4998, or 4999, or 4999H	Individual Studies† Undergraduate Research† Research with Distinction† Honors Research with Distinction†	1-3
HCS or FABENG	5335	Advances in High Throughput Phenotyping	3
HCS	5625	Applied Plant Biotechnology	2
EEOB	5330	Population Genetics & Phylogeography ‡	3

Restrictions and General Information

- 1. A minimum 2.00 cumulative point-hour ratio is required in the Certificate course work; and a minimum grade of a C- is required for each course used to complete this Certificate.
- 2. A student is permitted to overlap up to 50% of credit hours between other degree programs (major, minor, other certificates, or GE).
- 3. Course work graded Pass/Non-Pass cannot count in the Certificate program and no more than 3 credit hours of course work graded Satisfactory/Unsatisfactory may count toward the Certificate.
- 4. No more than 3 credit hours of 3488 (Professional Development), 4193 (Individual Studies), 4189 (Field Experience), 4999 (Research with Distinction), or 4999H (Honors Research with Distinction) may count toward the Certificate.
- 5. A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination toward the Certificate program.
- 6. At least 12 total credit hours counting in the Certificate must be earned in regular OSU coursework.
- 7. Consult with Advisor for filing deadlines. Advising Contact: Dr. Yu Ma

Notes:

*Students in SPS-Agronomy are required to take HCS2202 and HCS5235, and some students in SPS-Plant BioSciences, Agroecology, Turfgrass Science, Controlled Environment Agriculture, and Horticulture might take HCS2202 (required) and HCS5325 (elective). Since only 6 cr hr may overlap between the degree program and the PB Certificate, such students will need at least 4 cr hr of additional supporting courses to meet the 50% threshold of overlap.

†Students conducting individual studies or undergraduate research (1-3 cr hr) should take this with a faculty whose focus is plant breeding (consult the Coordinating Advisor)

‡This course has the pre-requisite EEOB 3310, which has the pre-requisite BIOL 1114.

From: Karcher, Doug Barker, David To:

Subject: FW: Final certificate sheets for college review

Date: Monday, April 21, 2025 8:43:27 AM

Attachments: image002.png

image004.png image005.png

We're good to move forward with concurrence from PP and FST.



THE OHIO STATE UNIVERSITY

Doug Karcher, Ph.D.

Professor & Chair Horticulture and Crop Science (479) 263-1293

Book a meeting with me

From: Paul, Pierce <paul.661@osu.edu> **Sent:** Monday, April 21, 2025 6:59 AM

To: Karcher, Doug <karcher.3@osu.edu>; Belury, Martha <belury.1@osu.edu>

Subject: RE: Final certificate sheets for college review

HI Doug,

The chair of our ACC and other members our course/curriculum development/evaluation team approve your certificate ... there is no concurrence with any of our programs.

Thanks

Pierce



THE OHIO STATE UNIVERSITY

<u>Pierce Anderson Paul, Ph.D.</u>

Professor and Chair Epidemiologist, Cereal Pathologist, and Extension State Specialist

The Ohio State University
College of Food, Agricultural, and Environmental Sciences
Department of Plant Pathology
CFAES Wooster Campus
1680 Madison Ave, Wooster, OH 44691
330-263-3842 Office / 330-347-5878 Mobile

paul.661@osu.edu

From: Karcher, Doug < karcher.3@osu.edu > **Sent:** Friday, April 18, 2025 10:59 AM

To: Paul, Pierce <<u>paul.661@osu.edu</u>>; Belury, Martha <<u>belury.1@osu.edu</u>>

Subject: RE: Final certificate sheets for college review

Thanks Pierce! Yes, it all comes out in the wash, eh?



THE OHIO STATE UNIVERSITY

Doug Karcher, Ph.D.

Professor & Chair Horticulture and Crop Science (479) 263-1293

Book a meeting with me

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To: Karcher, Doug <karcher.3@osu.edu>; Belury, Martha <belury.1@osu.edu>

Subject: RE: Final certificate sheets for college review

Will do, Doug, and let's not talk about "owing"



THE OHIO STATE UNIVERSITY

Pierce Anderson Paul, Ph.D. Professor and Chair

Epidemiologist, Cereal Pathologist, and Extension State Specialist The Ohio State University
College of Food, Agricultural, and Environmental Sciences
Department of Plant Pathology
CFAES Wooster Campus
1680 Madison Ave, Wooster, OH 44691
330-263-3842 Office / 330-347-5878 Mobile

paul.661@osu.edu

From: Karcher, Doug <<u>karcher.3@osu.edu</u>>

Sent: Friday, April 18, 2025 9:49 AM

To: Belury, Martha <<u>belury.1@osu.edu</u>>; Paul, Pierce <<u>paul.661@osu.edu</u>>

Subject: FW: Final certificate sheets for college review

Importance: High

Hi Martha & Pierce,

I'm hoping that you can work with me to expedite a concurrence review for a new certificate we are proposing in Plant Breeding. I overlooked sending this out a couple of weeks ago and we'd like to move forward to a COAA meeting next Wednesday. Apologies for the urgent request and I recognize that I'll owe you one if you can work with your curriculum teams to pull this off.

Thank you,

Doug



Doug Karcher, Ph.D.

Professor & Chair Horticulture and Crop Science (479) 263-1293

Book a meeting with me

From: Barker, David < barker.169@osu.edu>

Sent: Friday, April 4, 2025 4:56 PM

To: Karcher, Doug <<u>karcher.3@osu.edu</u>>

Cc: Klooster, Wendy <klooster.2@osu.edu>; Luikart, Meredith <luikart.6@osu.edu>

Subject: FW: Final certificate sheets for college review

Doug

Please can you request concurrence for a Certificate in Plant Breeding from:

SENR

FST

Plant Pathology

Jeane Osborne will solicit concurrence from related departments in Arts and Science

Many thanks



Dr David Barker Professor and Associate Chair Dept of Horticulture and Crop Science 226 Kottman Hall, 2021 Coffey Rd, Columbus OH 43210

Ph: 614-247-6258 Fax: 614-292-7162

Email: barker.169@osu.edu

From: Barker, David

Sent: Friday, April 4, 2025 4:53 PM

To: Osborne, Jeanne < osborne.2@osu.edu>

Cc: Klooster, Wendy <<u>klooster.2@osu.edu</u>>; Karcher, Doug <<u>karcher.3@osu.edu</u>>; Luikart, Meredith

< luikart.6@osu.edu >; Lindsey, Alexander < lindsey.227@osu.edu >; Gschwend, Andrea

<gschwend.2@osu.edu>

Subject: RE: Final certificate sheets for college review

Jeanne

Attached are cover-letters, and course lists for two undergraduate certificates, for consideration at the COAA meeting April 23.

Please request concurrence from related Colleges.

As per your email of March 23, we'll request concurrence from units within FAES.

Many thanks



Dr David Barker

Professor and Associate Chair Dept of Horticulture and Crop Science 226 Kottman Hall, 2021 Coffey Rd, Columbus OH 43210

Ph: 614-247-6258 Fax: 614-292-7162

Email: barker.169@osu.edu

From: Osborne, Jeanne < osborne.2@osu.edu>

Sent: Tuesday, March 25, 2025 1:35 PM **To:** Barker, David < barker.169@osu.edu>

Cc: Klooster, Wendy <<u>klooster.2@osu.edu</u>>; Karcher, Doug <<u>karcher.3@osu.edu</u>>; Luikart, Meredith

<<u>luikart.6@osu.edu</u>>

Subject: RE: Final certificate sheets for college review

Dave,

I think the following are needed:

Plant Breeding – request concurrence from ASC (they will direct to specific units as needed, which I suspect will be EEOB and MOLGEN) – once the proposals are complete, I will request this.

Urban Agriculture and Community Food System – Colleges: ACS (Sociology in particular), EHE (Human Nutrition in particular), John Glenn, and within FAES in addition to ENR, AEDE and FST. I will request the concurrence from the other colleges, and you can request from units within FAES.

Does this help?

Jeanne

From: Barker, David < barker.169@osu.edu>
Sent: Tuesday, March 25, 2025 12:42 PM
To: Osborne, Jeanne < osborne.2@osu.edu>

Cc: Klooster, Wendy <<u>klooster.2@osu.edu</u>>; Karcher, Doug <<u>karcher.3@osu.edu</u>>; Luikart, Meredith

<luikart.6@osu.edu>

Subject: FW: Final certificate sheets for college review

Jeanne

HCS are proposing 2 undergraduate certificates.. Plant Breeding, and Urban Agriculture and Community Food Systems.

These were approved by HCS AAC March 17, and HCS faculty March 21.

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For Plant Breeding, would it be sufficient to solicit concurrence from EEOB and Mol Gen?

Urban Agriculture and Community Food System Certificate was developed in conjunction with Soil Science faculty (SENR). Would it be sufficient we seek concurrence from SENR and John Glen (we consulted with one of their faculty who teaches PUBAFRS5900)

We hope to submit these to the April 23 COAA meeting. Regards



Dr David Barker
Professor and Associate Chair
Dept of Horticulture and Crop Science

226 Kottman Hall, 2021 Coffey Rd, Columbus OH 43210

Ph: 614-247-6258 Fax: 614-292-7162

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To: Barker, David <<u>barker.169@osu.edu</u>>; Luikart, Meredith <<u>luikart.6@osu.edu</u>>

Subject: Final certificate sheets for college review

Hi, Dave and Meredith

I just heard back from Yu Ma that she is willing and able to serve as the coordinator for the Plant Breeding Certificate. And Meredith shared that the faculty voted to approve both certificates. So I've updated the sheets with the contact info and changed the effective term to SP26.

I think they're ready to submit to the college; see attached.

Best.

Wendy

W. S. Klooster, Ph.D. (she/her)

Associate Professor of Professional Practice

College of Food, Agricultural, and Environmental Sciences

Department of Horticulture & Crop Science, The Ohio State University 217B Howlett Hall, 2001 Fyffe Ct., Columbus, OH 43210 klooster.2@osu.edu | hcs.osu.edu | 614-688-2637 Office

Schedule a meeting: go.osu.edu/klooster

From: Karcher, Doug Barker, David To:

Subject: FW: Final certificate sheets for college review

Date: Friday, April 18, 2025 10:59:13 AM

Attachments: image002.png

image003.png

FYI..



THE OHIO STATE UNIVERSITY

Doug Karcher, Ph.D.

Professor & Chair Horticulture and Crop Science (479) 263-1293

Book a meeting with me

From: Belury, Martha <belury.1@osu.edu> **Sent:** Friday, April 18, 2025 10:57 AM

To: Karcher, Doug <karcher.3@osu.edu>; Paul, Pierce <paul.661@osu.edu>

Subject: RE: Final certificate sheets for college review

Our chair of academic affairs approved your certificate as not competing.

Martha A. Belury, PhD, RDN Professor and Chair Food Science and Technology

From: Karcher, Doug < karcher.3@osu.edu >

Sent: Friday, April 18, 2025 9:49 AM

To: Belury, Martha <<u>belury.1@osu.edu</u>>; Paul, Pierce <<u>paul.661@osu.edu</u>>

Subject: FW: Final certificate sheets for college review

Importance: High

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Professor & Chair Horticulture and Crop Science (479) 263-1293

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Dept of Horticulture and Crop Science

226 Kottman Hall, 2021 Coffey Rd, Columbus OH 43210

Ph: 614-247-6258 Fax: 614-292-7162

Email: barker.169@osu.edu

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Sent: Friday, April 4, 2025 4:53 PM

To: Osborne, Jeanne < osborne.2@osu.edu>

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Dr David Barker

Professor and Associate Chair Dept of Horticulture and Crop Science 226 Kottman Hall, 2021 Coffey Rd, Columbus OH 43210

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To: Osborne, Jeanne < osborne.2@osu.edu>

Cc: Klooster, Wendy <<u>klooster.2@osu.edu</u>>; Karcher, Doug <<u>karcher.3@osu.edu</u>>; Luikart, Meredith

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THE OHIO STATE UNIVERSITY

Dr David Barker

Professor and Associate Chair

Dept of Horticulture and Crop Science

226 Kottman Hall, 2021 Coffey Rd, Columbus OH 43210

Ph: 614-247-6258 Fax: 614-292-7162

Email: barker.169@osu.edu

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Sent: Tuesday, March 25, 2025 12:20 PM

To: Barker, David <<u>barker.169@osu.edu</u>>; Luikart, Meredith <<u>luikart.6@osu.edu</u>>

Subject: Final certificate sheets for college review

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Wendy

W. S. Klooster, Ph.D. (she/her)

Associate Professor of Professional Practice

College of Food, Agricultural, and Environmental Sciences

Department of Horticulture & Crop Science, The Ohio State University 217B Howlett Hall, 2001 Fyffe Ct., Columbus, OH 43210 klooster.2@osu.edu | hcs.osu.edu | 614-688-2637 Office

Schedule a meeting: go.osu.edu/klooster

From: Karcher, Doug
To: Barker, David

Subject: FW: Final certificate sheets for college review **Date:** Wednesday, April 9, 2025 8:53:52 AM

Attachments: image002.png

image003.png

FYI...



THE OHIO STATE UNIVERSITY

Doug Karcher, Ph.D.

Professor & Chair Horticulture and Crop Science (479) 263-1293

Book a meeting with me

From: Ando, Amy <ando.21@osu.edu> Sent: Wednesday, April 9, 2025 8:16 AM

To: Karcher, Doug <karcher.3@osu.edu>; Haab, Timothy <haab.1@osu.edu>; Belury, Martha

<belury.1@osu.edu>

Subject: RE: Final certificate sheets for college review

Hi Doug,

It's good that you shared this with us, thanks. I consulted our undergrad program leaders.

- We have no concerns about the Plant Breeding certificate and are happy to concur.
- However, we DO have several concerns about the "Urban Agriculture and Community Food Systems" certificate.

This program has such a broad title it really should include economics – by claiming such a broad area, this certificate crowds out related curricula our department could very naturally be involved in. We suggest two possible adjustments to make this one acceptable:

- a. You could just narrow the name of the title. It is very primary production focused, so could be "Urban Food Production." You would also need to narrow the text of the description to be less all-encompassing. Certificates are small it isn't plausible to have one that covers all of "urban ag and community food systems"
- b. You could add AEDE 3105 (Food Supply Chains) and AEDECON 3300 (Emerging Issues in Agribusiness and Applied Economics) as possible electives. The first is certainly about food systems and has only basic micro as a prerequisite; the second

is taught by our faculty member, Jared Grant, who does research and Extension in urban agriculture and is about food systems.

Happy to chat about it if that's helpful.

Best,

Amy

-As an aside, is AEDE/PUBAFRS/CRPlan 5900 "Food System Planning and the Economy" appropriate for an undergrad certificate, given that it's a 5000 level course? (I gather Kareem Usher in CP is teaching it, though our department was unaware of that until we were researching this certificate).



Amy W. Ando, PhD

Professor and Department Chair

CFAES Department of Agricultural, Environmental, and Development Economics 250P Agricultural Administration Bldg | 2120 Fyffe Rd., Columbus, OH 43210 614-292-1714 Office | ando.21@osu.edu

Pronouns: she/her

From: Karcher, Doug < <u>karcher.3@osu.edu</u>>

Sent: Monday, April 7, 2025 4:15 PM

To: Haab, Timothy < haab.1@osu.edu>; Belury, Martha < belury.1@osu.edu>; Ando, Amy

<ando.21@osu.edu>

Subject: FW: Final certificate sheets for college review

Greetings fellow chairs,

Per Jeane Osborne's recommendation, HCS is seeks concurrence from your units so that we can move forward offering the attached Certificates in Urban Agriculture and Community Food Systems. Please let us know by April 21, 2025, if you have any concerns.

Thank you, Doug



Doug Karcher, Ph.D.

Professor & Chair Horticulture and Crop Science (479) 263-1293

Book a meeting with me

From: Barker, David < barker.169@osu.edu>

Sent: Friday, April 4, 2025 4:59 PM **To:** Karcher, Doug < <u>karcher.3@osu.edu</u>>

Cc: Luikart, Meredith < <u>luikart.6@osu.edu</u>>; Klooster, Wendy < <u>klooster.2@osu.edu</u>>

Subject: FW: Final certificate sheets for college review

Doug

Please can you request concurrence for a Certificate in Urban Agriculture and Community Food Systems (UACFS) from:

SENR

FST

AEDE

Jeane Osborne will solicit concurrence from related Colleges

Many thanks



THE OHIO STATE UNIVERSITY

Dr David Barker

Professor and Associate Chair Dept of Horticulture and Crop Science 226 Kottman Hall, 2021 Coffey Rd, Columbus OH 43210

Ph: 614-247-6258 Fax: 614-292-7162

Email: barker.169@osu.edu

From: Barker, David

Sent: Friday, April 4, 2025 4:53 PM

To: Osborne, Jeanne < osborne.2@osu.edu>

Cc: Klooster, Wendy <<u>klooster.2@osu.edu</u>>; Karcher, Doug <<u>karcher.3@osu.edu</u>>; Luikart, Meredith

< luikart.6@osu.edu >; Lindsey, Alexander < lindsey.227@osu.edu >; Gschwend, Andrea

<gschwend.2@osu.edu>

Subject: RE: Final certificate sheets for college review

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Many thanks



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Ph: 614-247-6258 Fax: 614-292-7162

Email: barker.169@osu.edu

From: Osborne, Jeanne <osborne.2@osu.edu>

Sent: Tuesday, March 25, 2025 1:35 PM
To: Barker, David < barker.169@osu.edu>

Cc: Klooster, Wendy <<u>klooster.2@osu.edu</u>>; Karcher, Doug <<u>karcher.3@osu.edu</u>>; Luikart, Meredith

<luikart.6@osu.edu>

Subject: RE: Final certificate sheets for college review

Dave,

I think the following are needed:

Plant Breeding – request concurrence from ASC (they will direct to specific units as needed, which I suspect will be EEOB and MOLGEN) – once the proposals are complete, I will request this.

Urban Agriculture and Community Food System – Colleges: ACS (Sociology in particular), EHE (Human Nutrition in particular), John Glenn, and within FAES in addition to ENR, AEDE and FST. I will request the concurrence from the other colleges, and you can request from units within FAES.

Does this help?

Jeanne

From: Barker, David < barker.169@osu.edu>
Sent: Tuesday, March 25, 2025 12:42 PM
To: Osborne, Jeanne < osborne.2@osu.edu>

Cc: Klooster, Wendy <<u>klooster.2@osu.edu</u>>; Karcher, Doug <<u>karcher.3@osu.edu</u>>; Luikart, Meredith

<<u>luikart.6@osu.edu</u>>

Subject: FW: Final certificate sheets for college review

Jeanne

HCS are proposing 2 undergraduate certificates.. Plant Breeding, and Urban Agriculture and Community Food Systems.

These were approved by HCS AAC March 17, and HCS faculty March 21.

I understand we need concurrence for these certificates.

For Plant Breeding, would it be sufficient to solicit concurrence from EEOB and Mol Gen?

Urban Agriculture and Community Food System Certificate was developed in conjunction with Soil Science faculty (SENR). Would it be sufficient we seek concurrence from SENR and John Glen (we consulted with one of their faculty who teaches PUBAFRS5900)

We hope to submit these to the April 23 COAA meeting. Regards



THE OHIO STATE UNIVERSITY

Dr David Barker
Professor and Associate Chair
Dept of Horticulture and Crop Science
226 Kottman Hall, 2021 Coffey Rd, Columbus OH 43210
Ph: 614-247-6258 Fax: 614-292-7162

Email: barker.169@osu.edu

From: Klooster, Wendy < <u>klooster.2@osu.edu</u>>
Sent: Tuesday, March 25, 2025 12:20 PM

To: Barker, David < barker.169@osu.edu>; Luikart, Meredith < luikart.6@osu.edu>

Subject: Final certificate sheets for college review

Hi, Dave and Meredith

I just heard back from Yu Ma that she is willing and able to serve as the coordinator for the Plant Breeding Certificate. And Meredith shared that the faculty voted to approve both certificates. So I've updated the sheets with the contact info and changed the effective term to SP26.

I think they're ready to submit to the college; see attached.

Best. Wendy

W. S. Klooster, Ph.D. (she/her)

Associate Professor of Professional Practice

College of Food, Agricultural, and Environmental Sciences

Department of Horticulture & Crop Science, The Ohio State University 217B Howlett Hall, 2001 Fyffe Ct., Columbus, OH 43210 klooster.2@osu.edu | hcs.osu.edu | 614-688-2637 Office

Schedule a meeting: go.osu.edu/klooster

From: Osborne, Jeanne Barker, David To:

Subject: FW: Concurrence Request: Undergraduate Certificate - Plant Breeding

Date: Monday, May 19, 2025 4:47:28 PM

Attachments: image001.png

image003.png

FYI

From: Andrews, Adam <andrews.171@osu.edu>

Sent: Thursday, April 10, 2025 1:36 PM To: Osborne, Jeanne <osborne.2@osu.edu> Cc: Sabel, Jaime <sabel.12@osu.edu>

Subject: Re: Concurrence Request: Undergraduate Certificate - Plant Breeding

Dr. Osborne,

I have reviewed the certificate on behalf of the Center for Life Sciences Education and have no concerns about overlap with the Biology Program. At this time, we do not offer any additional coursework to suggest for the certificate.

I happily offer our concurrence and wish you success with the approval process.

Regards,

Adam



Adam L. Andrews

Assistant Director for Curriculum & Instruction College of Arts and Sciences | Center for Life Sciences Education

240D Jennings Hall, 1735 Neil Avenue, Columbus, OH 43210 (614) 247-6345 Office / (614) 292-4390 Fax andrews.171@osu.edu clse.osu.edu

From: Osborne, Jeanne < osborne.2@osu.edu >

Sent: Monday, April 7, 2025 3:48 PM

To: Martin, Andrew < martin.1026@osu.edu >; Vankeerbergen, Bernadette

<vankeerbergen.1@osu.edu>

Cc: Christy, Ann < christy.14@osu.edu; Barker, David < barker.169@osu.edu; Klooster, Wendy

< klooster.2@osu.edu>; Karcher, Doug < karcher.3@osu.edu>

Subject: Concurrence Request: Undergraduate Certificate - Plant Breeding

Dear Dr. Martin and Dr. Vankeerbergen,

I hope you are having a good semester – commencement will be here before we know it!

The Department of Horticulture and Crop Science in the College of Food, Agricultural, and Environmental Sciences is proposing an undergraduate type 1a/2 stand-alone certificate in Plant Breeding (cover letter and proposed certificate attached).

Due to the potential discipline interest with your college, we are seeking concurrence from the College of Arts and Sciences. Would you please forward the attached course syllabi to the appropriate units within your college? We would appreciate feedback by Tuesday, April 22, 2025 if at all possible – we recognize that this is the end of the semester with a lot going on, so please let me know if you anticipate any issues with this timeframe.

Please let me know if you have any questions or need additional information.

Take care,

Jeanne



Jeanne M. Osborne | Pronouns: She, Her, Hers

Assistant Dean for Academic Affairs College of Food, Agricultural, and Environmental Sciences 100E Agricultural Administration, 2120 Fyffe Rd. Columbus, OH 43210

Tel: 614-292-1734 Fax: 614-292-1218

e-mail: Osborne.2@osu.edu

'Unexpected kindness is the most powerful, least costly, and most underrated agent of human change' (Bob Kerrey)

From: Osborne, Jeanne

To: <u>Martin, Andrew</u>; <u>Vankeerbergen, Bernadette</u>

 Cc:
 Christy, Ann; Barker, David; Klooster, Wendy; Karcher, Doug

 Subject:
 RE: Concurrence Request: Undergraduate Certificate - Plant Breeding

Date: Tuesday, April 22, 2025 1:26:19 PM

Attachments: <u>image001.png</u>

image002.png

Thank you!

Jeanne

From: Martin, Andrew <martin.1026@osu.edu>

Sent: Tuesday, April 22, 2025 11:27 AM

To: Osborne, Jeanne <osborne.2@osu.edu>; Vankeerbergen, Bernadette

<vankeerbergen.1@osu.edu>

Cc: Christy, Ann <christy.14@osu.edu>; Barker, David <barker.169@osu.edu>; Klooster, Wendy

<klooster.2@osu.edu>; Karcher, Doug <karcher.3@osu.edu>

Subject: RE: Concurrence Request: Undergraduate Certificate - Plant Breeding

None here (Microbiology and Molecular Genetics concurred).

Best

Andrew



THE OHIO STATE UNIVERSITY

Andrew W. Martin

Associate Dean for Undergraduate Education Professor of Sociology 114 University Hall, 230 North Oval Mall Columbus, OH 43210 614-247-6641 Office martin.1026@osu.edu

From: Osborne, Jeanne < osborne.2@osu.edu >

Sent: Tuesday, April 22, 2025 11:24 AM

To: Martin, Andrew <<u>martin.1026@osu.edu</u>>; Vankeerbergen, Bernadette

<vankeerbergen.1@osu.edu>

Cc: Christy, Ann < christy.14@osu.edu; Barker, David < barker.169@osu.edu; Klooster, Wendy

<<u>klooster.2@osu.edu</u>>; Karcher, Doug <<u>karcher.3@osu.edu</u>>

Subject: RE: Concurrence Request: Undergraduate Certificate - Plant Breeding

Dear Dr. Martin and Dr. Vankeerbergen,

We have not received any feedback on this concurrence request, so are we OK assuming that there are no issues from the College of Arts and Sciences?

Thank you, and I hope you are having a great day!

Jeanne

From: Osborne, Jeanne

Sent: Monday, April 7, 2025 3:48 PM

To: Martin, Andrew <<u>martin.1026@osu.edu</u>>; Vankeerbergen, Bernadette

<vankeerbergen.1@osu.edu>

Cc: Christy, Ann < christy.14@osu.edu>; Barker, David < barker.169@osu.edu>; Klooster, Wendy

< klooster.2@osu.edu>; Karcher, Doug < karcher.3@osu.edu>

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Please let me know if you have any questions or need additional information.

Take care,

Jeanne



Jeanne M. Osborne | Pronouns: She, Her, Hers

Assistant Dean for Academic Affairs College of Food, Agricultural, and Environmental Sciences 100E Agricultural Administration, 2120 Fyffe Rd. Columbus. OH 43210

Tel: 614-292-1734 Fax: 614-292-1218

e-mail: Osborne.2@osu.edu

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agent of human change' (Bob Kerrey)